

**SCOPE OF ACCREDITATION**  
**TESTING LABORATORY (GOST ISO/IEC 17025-2019)**

**Testing Center of All-Russia Electrotechnical Institute – the Branch of the Federal State Unitary Enterprise «Russian Federal Nuclear Center – Zababakhin All-Russia Research Institute of Technical Physics»**

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Title of the testing laboratory

**RA.RU.21HH33**

Number in in the Register of Accredited Conformity Assessment Bodies

**1. 111250, Russia, Moscow, Krasnokazarmennaya Street 12, Bld. 3.**

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Business address

**2. 111250, Russia, Moscow, Krasnokazarmennaya Street 12, Bld. 8.**

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Business address

**3. 111250, Russia, Moscow, Krasnokazarmennaya Street 12, Bld. 7.**

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Business address

111250, Russia, Moscow, Krasnokazarmennaya Street 12, Bld. 3.

Business address

§§	Documents establishing rules and methods of investigations (testings) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
<b>1. Testings (investigations), production measurement</b>						
1.1.	GOST 3484.1, clause 4; Electrophysical investigations (testings); electrophysical investigation (testing) methods without specification	Electrical transformers;	27.11.4	8504210000; 8504221000; 8504229000; 8504230000; 850431; 8504320000; 8504330000; 8504340000	DC winding resistance	- 2*10 <sup>-4</sup> Ω to 2*10 <sup>5</sup> Ω

§§	Documents establishing rules and methods of investigations (testings) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.1.					DC	0.0001 A to 100 A
					Time	0 s to 86 399 s
					Temperature	0 °C to 300 °C
1.2.	GOST 3484.3, subclauses 4.1.1- 4.1.3; Electrophysical investigations (testings); electrophysical investigation (testing) methods without specification	Electrical transformers;	27.11.4	8504210000; 850422100 0; 8504229000; 8504230 00; 850431; 850432000; 850433000; 8504340000	Insulation resistance	$3 \cdot 10^3 \Omega$ to $10^{12} \Omega$
					Time	1 s to 60 s

§§	Documents establishing rules and methods of investigations (testings) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.3.	GOST 3484.3, subclause 4.1.4; Electrophysical investigations (testings); electrophysical investigation (testing) methods without specification	Electrical transformers;	27.11.4	8504210000;8504221000;8504229000;850423000;850431;850432000;850433000;8504340000	Absorption coefficient	Calculated rate: -
					Insulation resistance	- $3 \cdot 10^3 \Omega$ to $10^{12} \Omega$
1.4.	GOST 3484.3, subclause 4.2; Electrophysical investigations (testings); electrophysical investigation (testing) methods without specification	Electrical transformers;	27.11.4	8504210000;8504221000;8504229000;850423000;850431;850432000;850433000;8504340000	Dielectric loss angle tangent	- 0.01 % to 100 %
					Winding capacity	- 20·10-12 F to 10-6 F
1.5.	GOST R 52719, subclause 10.1 (visually); Non-destructive testing; exterior inspection and measurements	Electrical transformers;	27.11.4	-	Exterior	compliant/noncompliant -

§§	Documents establishing rules and methods of investigations (testings) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.6.	GOST R 52719, subclause 10.1 (measuring instrument); Non-destructive testing; exterior inspection and measurements	Electrical transformers;	27.11.4	-	Dimensions	0 mm to 15000 mm
1.7.	GOST R 52719, subclause 10.5; Electrophysical investigations (testings); electrophysical investigation (testing) methods without specification	Electrical transformers;	27.11.4	-	Short-circuit current withstand / short-circuit current withstand / load impact resistance	passed/failed -
					Dynamic withstand test current/test current	- 0 kA to 200 kA
1.8.	GOST 22756, subclauses 2.7, 2.10, 3.3; Electrophysical investigations (testings); electrophysical investigation (testing) methods without specification	Electrical transformers;	27.11.4	8504210000; 850422100 0; 8504229000; 8504230 00; 850431; 850432000; 850433000; 8504340000	Power-frequency voltage	- 0 kV to 230 kV
					Insulation strength / Internal insulation strength / Transformer internal insulation strength	passed/failed -

§§	Documents establishing rules and methods of investigations (testings) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.9.	GOST R 54827, subclause 26.3; Electrophysical investigations (testings); electrophysical investigation (testing) methods without specification	Electrical transformers;	27.11.4	8504210000; 850422; 85 0423000; 850431; 85043 2000; 850433000; 85043 40000; 8504221000; 850 4229000; 8504320001; 8 50431800	Power-frequency voltage	- 0 kV to 230 kV
					Relative air humidity	- 10 % to 98 %
					Specific conductance of water	- 0.1 sm/m to 1.5 sm/m
					Temperature	- -60 °C to +70 °C
					Resistance to condensation and water penetration	passed/failed -

§§	Documents establishing rules and methods of investigations (testings) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.10.	GOST R 54827, subclauses 27.3, 27.4; Electrophysical investigations (testings); electrophysical investigation (testing) methods without specification	Electrical transformers;	27.11.4	8504210000; 850422; 85 0423000; 850431; 85043 2000; 850433000; 85043 40000; 8504221000; 850 4229000; 8504320001; 8 50431800	Power-frequency voltage	0 kV to 230 kV
					DC	0.0001 A to 100 A
					AC	0 A to 6000 A
					Partial discharge	1 pC to 10 <sup>4</sup> pC
					Temperature	-60 °C to +70 °C

§§	Documents establishing rules and methods of investigations (testings) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.10.					Thermal shock load resistance	passed/failed -
1.11.	GOST 20243; Electrophysical investigations (testings); electrophysical investigation (testing) methods without specification	Electrical transformers;	27.11.4	-	Short-circuit current withstand / short-circuit current withstand	passed/failed -
					Thermal resistance test current	- 0 A to 100 kA
					Dynamic withstand test current/test current	- 0 kA to 200 kA
					Thermal short-circuit current withstand	passed/failed -



§§	Documents establishing rules and methods of investigations (testings) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.12.	GOST 14794, subclause 6.12; Electrophysical investigations (testings); electrophysical investigation (testing) methods without specification	Electrical transformers;	27.11.4	850450	Short-circuit current withstand / short-circuit current withstand	passed/failed
					Thermal short-circuit current withstand	passed/failed
					Dynamic withstand test current/test current	0 kA to 200 kA
					Thermal resistance test current	0 kA to 100 kA
1.13.	GOST 20074, clauses 1 - 5; Electrophysical investigations (testings); electrophysical investigation (testing) methods without specification	Electrical transformers; Liquid-filled transformer; Other transformers of power not greater than 16 kVA; Other transformers of power greater than 16 kVA; Power circuit-breakers;	27.11.4;27.11.41;27.11.42;27.11.43;27.11;27.12;27.12.1;27.12.3;27.12.4;27.12.10.110;27.12.10;27.12.10.120;27.12.10.130;27.90.5;27.90.51;27.90.52;27.90.53;27.90.6;	8504; 8535; 8536; 8546	Partial discharge / Partial discharge apparent charge	1 pC to 10 <sup>4</sup> pC

§§	Documents establishing rules and methods of investigations (testings) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.13.		<p>Electromotors, generators, and transformers;</p> <p>Switchgears and electrical regulating equipment;</p> <p>Electrical circuit switching and protection devices for voltages greater than 1 kV;</p> <p>Electrical switchgear or protective equipment packages;</p> <p>Sections of electrical switchgear or regulating equipment;</p> <p>AC high-voltage circuit-breakers, contactors and reversers (power circuit-breakers high-voltage);</p> <p>Electrical circuit switching and protection devices for voltages greater than 1 kV;</p> <p>AC high-voltage disconnecting switches, short-circuiting switches, isolating switches, earthing switches; High-voltage surge arrester;</p> <p>Electrical capacitors</p>	<p>27.90.60; 27.90.8;</p> <p>27.90 .81; 27.90.82;</p> <p>27.20; 27. 20.1;</p> <p>27.20.2; 27.31; 27.31.1; 27.32; 27.32.1;</p> <p>27. 33; 27.33.1; 27.40;</p> <p>27.40 .2; 27.40.3;</p> <p>27.40.4; 27.4 0.1;</p> <p>27.51; 27.51.1; 27.51.2; 27.51.3; 27.52;</p> <p>27.5 2.1; 27.52.2;</p> <p>27.90; 27.9 0.1;</p> <p>27.90.2; 27.90.3; 27.90.4; 27.90.7</p>			

§§	Documents establishing rules and methods of investigations (testings) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.13.		Fixed capacitors for 50/60 Hz circuits for reactive power no less than 0.5 kVAr; Other fixed capacitors; Variable or controlled capacitors (preadjust); Resistors, except heating resistors; resistors, except heating resistors; parts of electrical capacitors, electrical resistors, rheostats, and potentiometers; Parts of electrical capacitors; Parts of electrical resistors, rheostats, and potentiometers; Batteries and accumulators; Primary elements, primary batteries, and their parts; Electrical accumulators and their parts; fibre optic cables; Fibre optic cables;				

§§	Documents establishing rules and methods of investigations (testings) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.13.		Other electronic and electrical leads and cables; Other electronic and electrical leads and cables; Wiring products; Wiring products; Electrical lighting equipment; Lamps and lighting facilities; Other lamps and lighting facilities; parts of lamps and lighting facilities; incandescent electrical lamp and gas-discharge lamps; Arc lamps; LED light bulbs; Electrical devices; Refrigerators and freezers; washing-machines; Electrical blankets; Fans; Other electrical devices not elsewhere classified;				

§§	Documents establishing rules and methods of investigations (testings) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.13.		Parts of appliances; Nonelectric electrical devices; Nonelectrical household devices for food preparation and heatingparts of furnaces, stones, plate heaters, and similar non-electrical household devices; Other electrical devices; Other electrical devices and its parts; Liquid-crystalline or light-emitting diode indicative plates; Sound or light signaling electrical devices; Electrical instruments for soft and hard soldering and brazing, welding, machines and apparatus for surface heat treatment and thermal spraying; Other electrical devices not elsewhere classified (including				

§§	Documents establishing rules and methods of investigations (testings) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.13.	GOST 1516.2, subclauses 4.1, 4.2, 4.4, 4.5, 7.1-7.4, clause 8; electrophysical investigations (testings); electrophysical investigation (testing) methods without specification	electrical magnets; Electromagnetic clutches and brakes; electromagnetic lifting grips; electrical particle accelerators; electrical signal generators); Electrical signalling devices, electrical devices for ensuring safety or traffic control on railways, tramlines, motor roads, inland waterways, parking areas, in port facilities or at aerodromes;	27.11.4; 27.11; 27.12; 27.90; 27.32	-	Insulation compliance with standard test voltage/ Insulation strength	passed/failed -
1.14.		Electrical transformers; Electromotors, generators, and transformers; Switchgears and electrical regulating equipment; Other electrical devices;				

§§	Documents establishing rules and methods of investigations (testings) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.14.		Other electronic and electrical leads and cables;			Test voltage	- 0 kV to 230 kV
1.15.	GOST 8008, subclause 4 (microsmometer); Electrophysical investigations (testings); electrophysical investigation (testing) methods without specification	Electrical transformers;	27.11.4		Current-carrying circuit and its individual elements withstand	- $10^{-6} \Omega$ to 199.9 $\Omega$
					Current	- $10^{-4}$ A to 100 A
1.16.	GOST 8008, subclause 9; Electrophysical investigations (testings); electrophysical investigation (testing) methods without specification	Electrical transformers;	27.11.4		Short-circuit current withstand	passed/failed -
					Test current/current	- 0 kA to 200 kA

§§	Documents establishing rules and methods of investigations (testings) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.17.	GOST 8008, subclause 14.2, Transformers 27.11.4 - Protection class 14.6; Electrophysical investigations (testings); electrophysical investigation (testing) methods without specification					passed/failed -
1.18.	GOST 8008, subclauses 14.2, 14.5; Electrophysical investigations (testings); electrophysical investigation (testing) methods without specification	Electrical transformers;	27.11.4		Insulation strength	passed/failed -
1.19.	GOST 8008, subclauses 14.3, 14.4; Electrophysical investigations (testings); electrophysical investigation (testing) methods without specification	Electrical transformers;	27.11.4		Correctness of operation	passed/failed -
1.20.	GOST 8008, subclauses 14.3, 14.7; Electrophysical investigations (testings); electrophysical investigation (testing) methods without specification	Electrical transformers;	27.11.4		Wear-resistance	passed/failed -





§§	Documents establishing rules and methods of investigations (testings) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.21.		Switchgears and electrical regulating equipment; Electrical circuit switching and protection devices for voltages greater than 1 kV; Electrical circuit switching and protection devices for voltages not greater than 1 kV; Electrical switchgear or protective equipment packages; Sections of electrical switchgear or regulating equipment; Batteries and accumulators; Primary elements, primary batteries, and their parts; Electrical accumulators and their parts; Fibre optic cables; Fibre optic cables; Other electronic and electrical leads and cables; Other electronic and electrical				

§§	Documents establishing rules and methods of investigations (testings) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.21.		leads and cables; Wiring products; Wiring products; Electrical lighting equipment; Lamps and lighting facilities; other lamps and lighting facilities; Parts of lamps and lighting facilities; Incandescent electrical lamp and gas-discharge lamps; Arc lamps; LED light bulbs; Electrical devices; Refrigerators and freezers; Washing-machines; Electrical blankets; Fans; Other electrical devices not elsewhere classified; Parts of appliances; Nonelectric electrical devices; nonelectric equipment				

§§	Documents establishing rules and methods of investigations (testings) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.21.		for food preparation and heating; Parts of furnaces, stones, plate heaters, and similar non-electrical household devices; Other electrical devices; Other electrical devices and its parts; Liquid-crystalline or light-emitting diode indicative plates; Sound or light signaling electrical devices; Electrical instruments for soft and hard soldering and brazing, welding, machines and apparatus for surface heat treatment and thermal spraying; Other electrical devices not elsewhere classified (including electrical magnets; Electromagnetic clutches and brakes; Electromagnetic lifting grips;				

§§	Documents establishing rules and methods of investigations (testings) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.21.		Electrical particle accelerators; Electrical signal generators); Electrical capacitors; Resistors, except heating resistors; Electrical signalling devices, electrical devices for ensuring safety or traffic control on railways, tramlines, motor roads, inland waterways, parking areas, in port facilities or at aerodromes; Parts of electrical capacitors, electrical resistors, rheostats, and potentiometers; Power circuit-breakers; Packaged transformer substations; Disconnecting switches and earthing switches, isolating switches and short-circuiting switches; Surge arrester, overvoltage suppressors; Current transformers;				



§§	Documents establishing rules and methods of investigations (testings) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.22.		Ballast element for gas-discharge lamps or tubes; Static electrical transducers; Other inductance coils; Parts of electromotors, generator, and transformers; Switchgears and electrical regulating equipment; Electrical circuit switching and protection devices for voltages greater than 1 kv; Electrical circuit switching and protection devices for voltages not greater than 1 kv; Electrical switchgear or protective equipment packages; Sections of electrical switchgear or regulating equipment; Batteries and accumulators; Primary elements, primary batteries, and their parts; Electrical accumulators and their parts;				

§§	Documents establishing rules and methods of investigations (testings) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.22.		Fibre optic cables; Fibre optic cables; Other electronic and electrical leads and cables; Other electronic and electrical leads and cables; Wiring products; Wiring products; Electrical lighting equipment; Lamps and lighting facilities; Other lamps and lighting facilities; Parts of lamps and lighting facilities; Incandescent electrical lamp and gas-discharge lamps; Arc lamps; Led light bulbs; Electrical devices; Refrigerators and freezers; Washing-machines; electrical blankets; Fans;				



§§	Documents establishing rules and methods of investigations (testings) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.22.		Other electrical devices not elsewhere classified; Parts of appliances; Nonelectric electrical devices; Nonelectrical household devices for food preparation and heatingparts of furnaces, stones, plate heaters, and similar non-electrical household devices; Other electrical devices; Other electrical devices and its parts; Liquid-crystalline or light-emitting diode indicative plates; Sound or light signaling electrical devices; Electrical instruments for soft and hard soldering and brazing, welding, machines and apparatus for surface heat treatment and thermal spraying;				

§§	Documents establishing rules and methods of investigations (testings) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.22.		Other electrical devices not elsewhere classified (including electrical magnets; Electromagnetic clutches and brakes; Electromagnetic lifting grips; Electrical particle accelerators; Electrical signal generators); Electrical capacitors; Resistors, except heating resistors; Electrical signalling devices, electrical devices for ensuring safety or traffic control on railways, tramlines, motor roads, inland waterways, parking areas, in port facilities or at aerodromes; Parts of electrical capacitors, electrical resistors, rheostats, and potentiometers;				

§§	Documents establishing rules and methods of investigations (testings) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.23	GOST 8024, subclause 2.2; Electrophysical investigations (testings); electrophysical investigation (testing) methods without specification	Electrical transformers; Electromotors, generators, and transformers; Universal DC and AC electromotors of power greater than 37.5 W; Other AC electromotors; AC generators (synchronous generator); Electromotors of power not greater than 37.5 W; Other DC electromotors; DC generators; Electrical generator installations and rotating convertors; Electrical generator installations and Ballast element for gas-discharge lamps or tubes; Static electrical transducers; Other inductance coils; Parts of electromotors, generator, and transformers; Switchgears and electrical regulating equipment;	27.11.4;27.11;27.11.2; 27.11.1;27.11.3;27.11.5;27.11.6;27.12;27.12.1;27.12.2;27.12.3;27.12.4;27.20;27.20.1;27.20.2;27.31;27.31.1;27.32;27.32.1;27.33;27.33.1;27.40;27.40.2;27.40.3;27.40.4;27.40.1;27.51;27.51.1;27.51.2;27.51.3;27.52;27.52.1;27.52.2;27.90;27.90.1;27.90.2;27.90.3;27.90.4;27.90.5;27.90.6;27.90.7;27.90.8	-	Temperature	-40 °C to +85 °C

§§	Documents establishing rules and methods of investigations (testings) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.23.		Switchgears and electrical regulating equipment; Electrical circuit switching and protection devices for voltages greater than 1 kV; Electrical circuit switching and protection devices for voltages not greater than 1 kV; Electrical switchgear or protective equipment packages; Sections of electrical switchgear or regulating equipment; Batteries and accumulators; Primary elements, primary batteries, and their parts; Electrical accumulators and their parts; Fibre optic cables; Fibre optic cables; Other electronic and electrical leads and cables; Other electronic and electrical leads and cables;				

§§	Documents establishing rules and methods of investigations (testings) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.23.		Wiring products; Wiring products; Electrical lighting equipment; Lamps and lighting facilities; Other lamps and lighting facilities; Parts of lamps and lighting facilities; Incandescent electrical lamp and gas-discharge lamps; Arc lamps; LED light bulbs; Electrical devices; Refrigerators and freezers; washing-machines; Electrical blankets; fans; Other electrical devicesnot elsewhere classified; Parts of appliances; Nonelectric electrical devices; Nonelectric equipment				

§§	Documents establishing rules and methods of investigations (testings) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.23.		for food preparation and heating parts of furnaces, stones, plate heaters, and similar non-electrical household devices; Other electrical devices; Other electrical devices and its parts; Liquid-crystalline or light-emitting diode indicative plates; sound or light signaling electrical devices; Electrical instruments for soft and hard soldering and brazing, welding, machines and apparatus for surface heat treatment and thermal spraying; Other electrical devices not elsewhere classified (including electrical magnets; Electromagnetic clutches and brakes; Electromagnetic lifting grips;				

§§	Documents establishing rules and methods of investigations (testings) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.23.		electrical particle accelerators; electrical signal generators); Electrical capacitors; Resistors, except heating resistors; Electrical signalling devices, electrical devices for ensuring safety or traffic control on railways, tramlines, motor roads, inland waterways, parking areas, in port facilities or at aerodromes; Parts of electrical capacitors, electrical resistors, rheostats, and potentiometers;				
1.24.	GOST 8024, subclause 2.3; Electrophysical investigations (testings); electrophysical investigation (testing) methods without specification	Electrical transformers; Electromotors, generators, and transformers; Universal DC and AC electromotors	27.11.4;27.11;27.11.2; 27.11.1;27.11.3;27.11.5;27.11.6;27.12;27.12.1;27.12.2;27.12.3;27.12.4;27.20;27.20.1;27.20.2;27.31;27.31.1;27.32;27.32.1;27.33;27.33.1;27.40;	-	Temperature	-40 °C to +100 °C

§§	Documents establishing rules and methods of investigations (testings) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.24.		of power greater than 37.5 W; Other AC electromotors; AC generators (synchronous generator); Electromotors of power not greater than 37.5 W; Other DC electromotors; DC generators; Electrical generator installations and rotating convertors; Ballast element for gas-discharge lamps or tubes; static electrical transducers; Other inductance coils; Parts of electromotors, generator, and transformers; Switchgears and electrical regulating equipment; Electrical circuit switching and protection devices for voltages greater than 1 kV;	27.40.2; 27.40.3; 27.40. 4; 27.40.1; 27.51; 27.51. 1; 27.51.2; 27.51.3; 27.52; 27.52.1; 27.52.2; 27.9 0; 27.90.1; 27.90.2; 27.9 0.3; 27.90.4; 27.90.5; 27.90.6; 27.90.7; 27.90.8			



§§	Documents establishing rules and methods of investigations (testings) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.24.		Electrical circuit switching and protection devices for voltages not greater than 1 kV; Electrical switchgear or protective equipment packages; Sections of electrical switchgear or regulating equipment; Batteries and accumulators; Primary elements, primary batteries, and their parts; Electrical accumulators and their parts; Fibre optic cables; Fibre optic cables; Other electronic and electrical leads and cables; Other electronic and electrical leads and cables; Wiring products; Wiring products; Electrical lighting equipment; Lamps and				

§§	Documents establishing rules and methods of investigations (testings) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.24.		lighting facilities; Other lamps and lighting facilities; Parts of lamps and lighting facilities; Incandescent electrical lamp and gas-discharge lamps; Arc lamps; Led light bulbs; Electrical devices; Refrigerators and freezers; washing-machines; Electrical blankets; Fans; Other electrical devicesnot elsewhere classified; Parts of appliances; Nonelectric electrical devices; Nonelectrical household devices for food preparation and heatingparts of furnaces, stones, plate heaters, and similar non-electrical household devices;				

§§	Documents establishing rules and methods of investigations (testings) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.24.		Other electrical devices; Other electrical devices and its parts; Liquid-crystalline or light-emitting diode indicative plates; Sound or light signaling electrical devices; Electrical instruments for soft and hard soldering and brazing, welding, machines and apparatus for surface heat treatment and thermal spraying; Other electrical devices not elsewhere classified (including electrical magnets; Electromagnetic clutches and brakes; Electromagnetic lifting grips; Electrical particle accelerators; Electrical signal generators); Electrical capacitors; Resistors, except heating resistors; Electrical signalling devices				

§§	Documents establishing rules and methods of investigations (testings) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.24.		electrical devices for ensuring safety or traffic control on railways, tramlines, motor roads, inland waterways, parking areas, in port facilities or at aerodromes; Parts of electrical capacitors, electrical resistors, rheostats, and potentiometers;				
1.25.	GOST 8024, subclause 2.4; Electrophysical investigations (testings); electrophysical investigation (testing) methods without specification	Electrical transformers; Electromotors, generators, and transformers; Universal DC and AC electromotors of power greater than 37.5 W; Other AC electromotors; AC generators (synchronous generator); Electromotors of power not greater than 37.5 W;	27.11.4;27.11;27.11.2;27.11.1;27.11.3;27.11.5;27.11.6;27.12;27.12.1;27.12.2;27.12.3;27.12.4;27.20;27.20.1;27.20.2;27.31;27.31.1;27.32;27.32.1;27.33;27.33.1;27.40;27.40.2;27.40.3;27.40.4;27.40.1;27.51;27.51.1;27.51.2;27.51.3;27.52;27.52.1;27.52.2;27.90;27.90.1;27.90.2;27.90.3;27.90.4;27.90.5;27.90.6;27.90.7;	-	Temperature	-40 °C to +300 °C

§§	Documents establishing rules and methods of investigations (testings) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.25.		Other DC electromotors; DC generators; Electrical generator installations and rotating convertors; Ballast element for gas-discharge lamps or tubes; Static electrical transducers; Other inductance coils; Parts of electromotors, generator, and transformers; Switchgears and electrical regulating equipment; Electrical circuit switching and protection devices for voltages greater than 1 kV; Electrical circuit switching and protection devices for voltages not greater than 1 kV; Electrical switchgear or protective equipment packages;	27.90.8			

§§	Documents establishing rules and methods of investigations (testings) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.25.		<p>Sections of electrical switchgear or regulating equipment;</p> <p>Batteries and accumulators;</p> <p>Primary elements, primary batteries, and their parts;</p> <p>Electrical accumulators and their parts;</p> <p>Fibre optic cables;</p> <p>Fibre optic cables;</p> <p>Other electronic and electrical leads and cables;</p> <p>Other electronic and electrical leads and cables;</p> <p>Wiring products;</p> <p>Wiring products;</p> <p>Electrical lighting equipment;</p> <p>Lamps and lighting facilities;</p> <p>Other lamps and lighting facilities;</p> <p>Parts of lamps and lighting facilities;</p> <p>Incandescent electrical lamp and gas-discharge lamps;</p>				

§§	Documents establishing rules and methods of investigations (testings) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.25.		Arc lamps; Led light bulbs; Electrical devices; Refrigerators and freezers; Washing-machines; Electrical blankets; Fans; Other electrical devicesnot elsewhere classified; Parts of appliances; Nonelectric electrical devices; Nonelectrical household devices for food preparation and heatingparts of furnaces, stones, plate heaters, and similar non-electrical household devices; Other electrical devices; Other electrical devices and its parts; Liquid-crystalline or light-emitting diode indicative plates; sound or light signaling				

§§	Documents establishing rules and methods of investigations (testings) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.25.		electrical devices; Electrical instruments for soft and hard soldering and brazing, welding, machines and apparatus for surface heat treatment and thermal spraying; Other electrical devices not elsewhere classified (including electrical magnets; Electromagnetic clutches and brakes; Electromagnetic lifting grips; Electrical particle accelerators; Electrical signal generators); Electrical capacitors; Resistors, except heating resistors; Electrical signalling devices, electrical devices for ensuring safety or traffic control on railways, tramlines, motor roads, inland waterways,				



§§	Documents establishing rules and methods of investigations (testings) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.25.		parking areas, in port facilities or at aerodromes; Parts of electrical capacitors, electrical resistors, rheostats, and potentiometers;				
		Electrical transformers; Electromotors, generators, and transformers; Universal DC and AC electromotors of power greater than 37.5 W; other AC electromotors; AC generators (synchronous generator); Electromotors of power not greater than 37.5 W; other DC electromotors; DC generators; generator installations and rotating convertors;	27.11.4; 27.11; 27.11.2; 27.11.1; 27.11.3; 27.11.5; 27.11.6; 27.12; 27.12.1; 27.12.2; 27.12.3; 27.12.4; 27.20; 27.20.1; 27.20.2; 27.31; 27.31.1; 27.32; 27.32.1; 27.33; 27.33.1; 27.40; 27.40.2; 27.40.3; 27.40.4; 27.40.1; 27.51; 27.51.1; 27.51.2; 27.51.3; 27.52; 27.52.1; 27.52.2; 27.90; 27.90.1; 27.90.2; 27.90.3; 27.90.4; 27.90.5; 27.90.6; 27.90.7; 27.90.8	-	Temperature	Calculated rate: -
					Resistance	0.000001 to 199.9 Ω

§§	Documents establishing rules and methods of investigations (testings) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.26.		Ballast element for gas-discharge lamps or tubes; static electrical transducers; other inductance coils; Parts of electromotors, generator, and transformers; Switchgears and electrical regulating equipment; Electrical circuit switching and protection devices for voltages greater than 1 kV; Electrical circuit switching and protection devices for voltages not greater than 1 kV; Electrical switchgear or protective equipment packages; Sections of electrical switchgear or regulating equipment; Batteries and accumulators; Primary elements, primary batteries, and their parts; Electrical accumulators and their parts;				

§§	Documents establishing rules and methods of investigations (testings) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.26.		Fibre optic cables; Fibre optic cables; Other electronic and electrical leads and cables; Other electronic and electrical leads and cables; Wiring products; Wiring products; Electrical lighting equipment; Lamps and lighting facilities; other lamps and lighting facilities; Parts of lamps and lighting facilities; Incandescent electrical lamp and gas-discharge lamps; arc lamps; LED light bulbs; Electrical devices; Refrigerators and freezers; Washing-machines; Electrical blankets; Fans;				

§§	Documents establishing rules and methods of investigations (testings) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.26.		Other electrical devicesnot elsewhere classified; Parts of appliances; Nonelectric electrical devices; Nonelectrical household devices for food preparation and heatingparts of furnaces, stones, plate heaters, and similar non-electrical household devices; Other electrical devices; Other electrical devices and its parts; Liquid-crystalline or light-emitting diode indicative plates; sound or light signaling electrical devices; Electrical instruments for soft and hard soldering and brazing, welding, machines and apparatus for surface heat treatment and thermal spraying;				

§§	Documents establishing rules and methods of investigations (testings) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.26.		Other electrical devices not elsewhere classified (including electrical magnets; electromagnetic clutches and brakes; electromagnetic lifting grips; electrical particle accelerators; electrical signal generators); Electrical capacitors; Resistors, except heating resistors; Electrical signalling devices, electrical devices for ensuring safety or traffic control on railways, tramlines, motor roads, inland waterways, parking areas, in port facilities or at aerodromes; Parts of electrical capacitors, electrical resistors, rheostats, and potentiometers;				

§§	Documents establishing rules and methods of investigations (testings) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.27.	GOST 8024, subclause 2.6; Electrophysical investigations (testings); electrophysical investigation (testing) methods without specification	Electrical transformers; Electromotors, generators, and transformers; Universal DC and AC electromotors of power greater than 37.5 W; other AC electromotors; AC generators (synchronous generator); Electromotors of power not greater than 37.5 W; other DC electromotors; DC generators; Electrical generator installations and rotating convertors; Ballast element for gas-discharge lamps or tubes; static electrical transducers; other inductance coils; Parts of electromotors, generator, and transformers;	27.11.4;27.11;27.11.2;27.11.1;27.11.3;27.11.5;27.11.6;27.12;27.12.1;27.12.2;27.12.3;27.12.4;27.20;27.20.1;27.20.2;27.31;27.31.1;27.32;27.32.1;27.33;27.33.1;27.40;27.40.2;27.40.3;27.40.4;27.40.1;27.51;27.51.1;27.51.2;27.51.3;27.52;27.52.1;27.52.2;27.90;27.90.1;27.90.2;27.90.3;27.90.4;27.90.5;27.90.6;27.90.7;27.90.8	-	Resistance of the gear main circuit/ DC resistance	0.000001 Ω to 199.9 Ω
					Current	10 <sup>-4</sup> A to 100 A

§§	Documents establishing rules and methods of investigations (testings) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.27.		Switchgears and electrical regulating equipment; Electrical circuit switching and protection devices for voltages greater than 1 kV; Electrical circuit switching and protection devices for voltages not greater than 1 kV; Electrical switchgear or protective equipment packages; Sections of electrical switchgear or regulating equipment; Batteries and accumulators; Primary elements, primary batteries, and their parts; Electrical accumulators and their parts; Fibre optic cables; Fibre optic cables; Other electronic and electrical leads and cables; Other electronic and electrical leads and cables;				

§§	Documents establishing rules and methods of investigations (testings) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.27.		Wiring products; Wiring products; Electrical lighting equipment; Lamps and lighting facilities; Other lamps and lighting facilities; Parts of lamps and lighting facilities; Incandescent electrical lamp and gas-discharge lamps; Arc lamps; LED light bulbs; Electrical devices; Refrigerators and freezers; washing-machines; Electrical blankets; Fans; Other electrical devicesnot elsewhere classified; Parts of appliances; Nonelectric electrical devices; Nonelectric equipment				



§§	Documents establishing rules and methods of investigations (testings) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.27.		for food preparation and heating parts of furnaces, stones, plate heaters, and similar non-electrical household devices; Other electrical devices; Other electrical devices and its parts; Liquid-crystalline or light-emitting diode indicative plates; Sound or light signaling electrical devices; Electrical instruments for soft and hard soldering and brazing, welding, machines and apparatus for surface heat treatment and thermal spraying Other electrical devices not elsewhere classified (including electrical magnets; Electromagnetic clutches and brakes; Electromagnetic lifting grips;				

§§	Documents establishing rules and methods of investigations (testings) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.27.		electrical particle accelerators; electrical signal generators); Electrical capacitors; Resistors, except heating resistors; Electrical signalling devices, electrical devices for ensuring safety or traffic control on railways, tramlines, motor roads, inland waterways, parking areas, in port facilities or at aerodromes; Parts of electrical capacitors, electrical resistors, rheostats, and potentiometers;				
1.28.	GOST R 55194, subclauses 4.1, 4.4; Electrophysical investigations (testings); electrophysical investigation (testing) methods without specification	Electromotors, generators, and transformers; Switchgears and electrical regulating equipment; Other electronic and electrical leads and cables;	27.11; 27.12; 27.32; 27.9 0	8504; 8535; 8536	Alternating current	- 0 kV to 230 kV

§§	Documents establishing rules and methods of investigations (testings) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.28.		Other electrical devices;			Distance	- 0 m to 50 m
1.29.	GOST R 55194, clause 7 (In insulation strength test with one-minute voltage); Electrophysical investigations (testings); electrophysical investigation (testing) methods without specification	Electromotors, generators, and transformers; Switchgears and electrical regulating equipment; Other electronic and electrical leads and cables; Other electrical devices;	27.11; 27.12; 27.32; 27.9 0	8504; 8535; 8536	Alternating current	passed/failed 0 kV to 230 kV
1.30.	GOST R 55194, clause 7 (Auxiliary circuits insulation strength); Electrophysical investigations (testings); electrophysical investigation (testing) methods without specification	Electromotors, generators, and transformers; Switchgears and electrical regulating equipment; Other electronic and electrical leads and cables; Other electrical devices;	27.11; 27.12; 27.32; 27.9 0	8504; 8535; 8536	Alternating current	passed/failed 0 kV to 6 kV

§§	Documents establishing rules and methods of investigations (testings) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.31.	GOST R 52565, GOST R 55194, clause 7 (In alternating current test at smooth rise); Electrophysical investigations (testings); electrophysical investigation (testing) methods without specification	Electromotors, generators, and transformers; Switchgears and electrical regulating equipment; Other electronic and electrical leads and cables; Other electrical devices;	27.11; 27.12; 27.32; 27.90	8504; 8535; 8536	Alternating current	passed/failed 0 kV to 230 kV
1.32.	GOST R 55194, clause 8; Electrophysical investigations (testings); electrophysical investigation (testing) methods without specification	Electromotors, generators, and transformers; Switchgears and electrical regulating equipment; Other electronic and electrical leads and cables; Other electrical devices;	27.11; 27.12; 27.32; 27.90	8504; 8535; 8536	DC voltage test	passed/failed -
					DC voltage	- 0 kV to 70 kV
1.33.	GOST R 52565, subclause 9.1; Non-destructive testing; exterior inspection and measurements	AC high-voltage circuit-breakers, contactors and reversers (high-voltage power circuit-breakers);	27.12.10.110	8535	Compliance with assembly drawing	compliant/noncompliant -

§§	Documents establishing rules and methods of investigations (testings) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.33.					Dimensions	- 0 mm to 15000 mm
					Mass	- 0 kg to 5000 kg
1.34.	GOST R 52565, subclauses 9.2.1.2, 9.2.2.2; Physical and mechanical; measurement of physical quantities	AC high-voltage circuit-breakers, contactors and reversers (power circuit-breakers high-voltage);	27.12.10.110	8535	Time	- $0.2 \cdot 10^{-3}$ s to 5.2 s
1.35.	GOST R 52565, subclauses 9.2.1.2, 9.2.2.3; Physical and mechanical; measurement of physical quantities	AC high-voltage circuit-breakers, contactors and reversers (power circuit-breakers high-voltage);	27.12.10.110	8535	Rate	Calculated rate: -
					Displacement	1mm to 900 mm

§§	Documents establishing rules and methods of investigations (testings) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.35.					Time	0.001 s to 5.2 s
1.36.	GOST R 52565-2006, subclauses 9.2.1.2, 9.2.2.4; Physical and mechanical; measurement of physical quantities	AC high-voltage circuit-breakers, contactors and reversers (power circuit-breakers high-voltage);	27.12.10.110	8535	Contact pressure	0 kN to 5 kN
1.37.	GOST R 52565-2006, subclauses 9.2.1.2, 9.2.2.5; Electrophysical investigations (testings); electrophysical investigation (testing) methods without specification	AC high-voltage circuit-breakers, contactors and reversers (power circuit-breakers high-voltage);	27.12.10.110	8535	Actuating voltage	0 V to 1000 V
1.38.	GOST R 52565-2006, subclauses 9.2.1.2, 9.2.2.6; Physical and mechanical; measurement of physical quantities	AC high-voltage circuit-breakers, contactors and reversers (power circuit-breakers high-voltage);	27.12.10.110	8535	Actuating pressure	0 MPa to 0.9 MPa

§§	Documents establishing rules and methods of investigations (testings) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.39.	GOST R 52565-2006, subclauses 9.2.1.2, 9.2.2.8; Electrophysical investigations (testings); electrophysical investigation (testing) methods without specification	AC high-voltage circuit-breakers, contactors and reversers (high-voltage power circuit-breakers);	27.12.10.110	8535	Resistance	- 1 $\mu\Omega$ to 1000 $\mu\Omega$
1.40.	GOST R 52565, subclauses 9.2.1.2, 9.2.2.9; Electrophysical investigations (testings); electrophysical investigation (testing) methods without specification	AC high-voltage circuit-breakers, contactors and reversers (power circuit-breakers high-voltage);	27.12.10.110	8535	Useful current	- 0 A to 100 A
1.41.	GOST R 52565, subclauses 9.2.1.2, 9.2.3; Physical and mechanical; other investigation (testing) methods for determination of physical and mechanical characteristics	AC high-voltage circuit-breakers, contactors and reversers (power circuit-breakers high-voltage);	27.12.10.110	8535	Mechanism operability	passed/failed -
1.42.	GOST R 52565-2006, subclauses 9.2.1.2, 9.2.4; Physical and mechanical; other investigation (testing) methods for determination of physical and mechanical characteristics	AC high-voltage circuit-breakers, contactors and reversers (power circuit-breakers high-voltage);	27.12.10.110	8535	Mechanical durability	passed/failed -

§§	Documents establishing rules and methods of investigations (testings) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.43.	GOST R 52565-2006, subclauses 9.2.1.2, 9.2.5; Physical and mechanical; other investigation (testing) methods for determination of physical and mechanical characteristics	AC high-voltage circuit-breakers, contactors and reversers (power circuit-breakers high-voltage);	27.12.10.110	8535	Operation when exposed to glaze-ice	passed/failed -
1.44.	GOST R 52565-2006, subclauses 9.2.1.2, 9.2.6; Physical and mechanical; other investigation (testing) methods for determination of physical and mechanical characteristics	AC high-voltage circuit-breakers, contactors and reversers (power circuit-breakers high-voltage);	27.12.10.110	8535	Operability	passed/failed -
					Force	- 0.1 kN to 10 kN
1.45.	GOST R 52565-2006, 9.5; Electrophysical investigations (testings); electrophysical investigation (testing) methods without specification	AC high-voltage circuit-breakers, contactors and reversers (power circuit-breakers high-voltage);	27.12.10.110	8535	Short-circuit through current withstand	passed/failed -
					Current	- 0 kA to 200 kA



§§	Documents establishing rules and methods of investigations (testings) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.46.	GOST R 52565-2006, subclause 9.6; Electrophysical investigations (testings); electrophysical investigation (testing) methods without specification	AC high-voltage circuit-breakers, contactors and reversers (power circuit-breakers high-voltage);	27.12.10.110	8535	Switching capacity	passed/failed -
					Current	- 0 kA to 63 kA
					Voltage	- 0 kV to 42 kV
1.47.	GOST R 52565-2006, subclause 9.7; Electrophysical investigations (testings); electrophysical investigation (testing) methods without specification	AC high-voltage circuit-breakers, contactors and reversers (power circuit-breakers high-voltage);	27.12.10.110	8535	Switching capacity	passed/failed -
					Current	- 0 A to 100 A

§§	Documents establishing rules and methods of investigations (testings) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.47.					Voltage	- 0 kV to 35 kV
1.48.	GOST R 52565-2006, subclauses 9.10.2.1, 9.10.2.2, 9.10.2.3, 9.10.4, 9.10.5; Environmental effect testing; other environmental effect investigation (testing) methods	AC high-voltage circuit-breakers, contactors and reversers (power circuit-breakers high-voltage);	27.12.10.110	8535	Temperature resistance	passed/failed -
					Temperature	- -70 °C to +155 °C
1.49.	GOST R 52726, subclause 8.1; Non-destructive testing; exterior inspection and measurements	AC high-voltage disconnecting switches, short-circuiting switches, isolating switches, earthing switches (AC disconnecting switches and earthing switches for 50 Hz power-frequency voltage greater 1 kV, and actuators to them);	27.12.10.120	853530	Compliance with technical documentation requirements	compliant/noncompliant -
					Protective coating condition	passed/failed -

§§	Documents establishing rules and methods of investigations (testings) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.49.					Surface condition of external insulation parts	passed/failed -
					Correctness of marking and branding	compliant/noncompliant -
					Correctness of nameplates	compliant/noncompliant -
					Dimensions	- 0 mm to 15000 mm
					Mass	- 0 kg to 5000 kg

§§	Documents establishing rules and methods of investigations (testings) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.49.					Adjustments correctness	compliant/noncompliant -
					Contact pressure	- 50 N to 500 N
1.50.	GOST R 52726, subclause 8.2; Physical and mechanical; other investigation (testing) methods for determination of physical and mechanical characteristics	AC high-voltage disconnecting switches, short-circuiting switches, isolating switches, earthing switches (AC disconnecting switches and earthing switches for 50 Hz power-frequency voltage greater 1 kV, and actuators to them);	27.12.10.120	853530	Mechanism operability	compliant/noncompliant -
1.51.	GOST R 52726, subclause 8.3; Electrophysical investigations (testings); electrophysical investigation (testing) methods without specification	AC high-voltage disconnecting switches, short-circuiting switches, isolating switches, earthing switches (AC disconnecting switches and earthing switches for 50 Hz power-frequency voltage greater 1 kV, and actuators to them);	27.12.10.120	853530	Test current	- 0.0001 A to 100 A

§§	Documents establishing rules and methods of investigations (testings) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.51.					Resistance	- 0.000001 Ω to 199.9 Ω
1.52.	GOST R 52726, subclauses 8.5.1.1, 8.5.3, 8.5.8; Physical and mechanical; other investigation (testing) methods for determination of physical and mechanical characteristics	AC high-voltage disconnecting switches, short-circuiting switches, isolating switches, earthing switches (AC disconnecting switches and earthing switches for 50 Hz power-frequency voltage greater 1 kV, and actuators to them);	27.12.10.120	853530	Mechanism operability	passed/failed -
1.53.	GOST R 52726, subclauses 8.5.1.1, 8.5.4, 8.5.8; Physical and mechanical; other investigation (testing) methods for determination of physical and mechanical characteristics	AC high-voltage disconnecting switches, short-circuiting switches, isolating switches, earthing switches (AC disconnecting switches and earthing switches for 50 Hz power-frequency voltage greater 1 kV, and actuators to them);	27.12.10.120	853530	Mechanical wear-resistance	passed/failed -
					Time	- 0 s to 1000 s

§§	Documents establishing rules and methods of investigations (testings) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.53.					Force	- 0 kN to 1 kN
					Test voltage	- 0 V to 1000 V
					Pressure	- 0 MPa to 0.9 MPa
					Resistance	- 0.000001 $\Omega$ to 199.9 $\Omega$
					Test current	- 0.0001 A to 100 A

§§	Documents establishing rules and methods of investigations (testings) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.54.	GOST R 52726, subclauses 8.5.1.1, 8.5.5, 8.5.8; Physical and mechanical; other investigation (testing) methods for determination of physical and mechanical characteristics	AC high-voltage disconnecting switches, short-circuiting switches, isolating switches, earthing switches (AC disconnecting switches and earthing switches for 50 Hz power-frequency voltage greater 1 kV, and actuators to them);	27.12.10.120	853530	Auxiliary contact operation	passed/failed -
1.55.	GOST R 52726, subclauses 8.5.1.1, 8.5.8; Physical and mechanical; other investigation (testing) methods for determination of physical and mechanical characteristics	AC high-voltage disconnecting switches, short-circuiting switches, isolating switches, earthing switches (AC disconnecting switches and earthing switches for 50 Hz power-frequency voltage greater 1 kV, and actuators to them);	27.12.10.120	853530	Mechanical loading	- 0 kN to 1 kN
					Operation under application of nominal static mechanical load to terminals	passed/failed -
1.56.	GOST R 52726, subclauses 8.5.1.1, 8.5.7, 8.5.8; Physical and mechanical; other investigation (testing) methods for determination of physical and mechanical characteristics	AC high-voltage disconnecting switches, short-circuiting switches, isolating switches, earthing switches (AC disconnecting switches and earthing switches for 50 Hz	27.12.10.120	853530	Mechanical wear-resistance	passed/failed -

§§	Documents establishing rules and methods of investigations (testings) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.56.		power-frequency voltage greater 1 kV, and actuators to them);				
1.57.	GOST R 52726, subclauses 8.5.1.1, 8.6; Physical and mechanical; other investigation (testing) methods for determination of physical and mechanical characteristics	AC high-voltage disconnecting switches, short-circuiting switches, isolating switches, earthing switches (AC disconnecting switches and earthing switches for 50 Hz power-frequency voltage greater 1 kV, and actuators to them);	27.12.10.120	853530	Operability of locking devices	passed/failed -
					Mechanical loading	passed/failed 0 kN to 1 kN
1.58.	GOST R 52726, subclause 8.7; Environmental effect testing; other environmental effect investigation (testing) methods	AC high-voltage disconnecting switches, short-circuiting switches, isolating switches, earthing switches (AC disconnecting switches and earthing switches for 50 Hz power-frequency voltage greater 1 kV, and actuators to them);	27.12.10.120	853530	Crust of ice resistance	passed/failed -
					Dimensions	- 0 mm to 20 mm



§§	Documents establishing rules and methods of investigations (testings) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.58.					Temperature	-7 °C to +2 °C
1.59.	GOST R 52726, subclause 8.8.2; Electrophysical investigations (testings); electrophysical investigation (testing) methods without specification	AC high-voltage disconnecting switches, short-circuiting switches, isolating switches, earthing switches (AC disconnecting switches and earthing switches for 50 Hz power-frequency voltage greater 1 kV, and actuators to them);	27.12.10.120	853530	Actuator resistance to current heating	passed/failed
					Temperature	-0 °C to +300 °C
					Current	-0 A to 500 A
1.60.	GOST R 52726, subclause 8.9; Electrophysical investigations (testings); electrophysical investigation (testing) methods without specification	AC high-voltage disconnecting switches, short-circuiting switches, isolating switches, earthing switches (AC disconnecting switches and earthing switches for 50 Hz power-frequency voltage greater 1 kV, and	27.12.10.120	853530	Short-circuit through current withstand	passed/failed

§§	Documents establishing rules and methods of investigations (testings) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.60.		actuators to them)			Current	- 0 A to 200 kA
1.61.	GOST R 52726, subclause 8.13; Electrophysical investigations (testings); electrophysical investigation (testing) methods without specification	AC high-voltage disconnecting switches, short-circuiting switches, isolating switches, earthing switches (AC disconnecting switches and earthing switches for 50 Hz power-frequency voltage greater 1 kV, and actuators to them);	27.12.10.120	853530	Radio interference	passed/failed 0 dB to 100 dB
					Alternating current	- 0 kV to 230 kV
1.62.	GOST R 52726, subclause 8.14; Physical and mechanical; other investigation (testing) methods for determination of physical and mechanical characteristics	AC high-voltage disconnecting switches, short-circuiting switches, isolating switches, earthing switches (AC disconnecting switches and earthing switches for 50 Hz power-frequency voltage greater 1 kV, and actuators to them);	27.12.10.120	853530	Mechanical strength margin	Calculated rate: -
					Disruptive force	- 0 kN to 500 kN

§§	Documents establishing rules and methods of investigations (testings) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.63.	GOST R 52726, subclause 8.17; Electrophysical investigations (testings); electrophysical investigation (testing) methods without specification	AC high-voltage disconnecting switches, short-circuiting switches, isolating switches, earthing switches (AC disconnecting switches and earthing switches for 50 Hz power-frequency voltage greater 1 kV, and actuators to them);	27.12.10.120	853530	Rated short-circuit making current making capacity	passed/failed
					Test current	- 0 kA to 200 kA
1.64.	GOST R 52726, subclause 8.19; Electrophysical investigations (testings); electrophysical investigation (testing) methods without specification	AC high-voltage disconnecting switches, short-circuiting switches, isolating switches, earthing switches (AC disconnecting switches and earthing switches for 50 Hz power-frequency voltage greater 1 kV, and actuators to them);	27.12.10.120	853530	Resistance	- 0.000001 $\Omega$ to 199.9 $\Omega$
					Current	- 0.0001 A to 100 A
1.65.	GOST 14694, subclause 1.1; Non-destructive testing; exterior inspection and measurements	Electrical switchgear or protective equipment packages; Switchgears and electrical regulating equipment	27.12.3;27.12;27.12.1;27.12.2;27.12.4	853720	Compliance with the design drawings	compliant/noncompliant

§§	Documents establishing rules and methods of investigations (testings) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.65.		Electrical circuit switching and protection devices for voltages greater than 1 kV; Electrical circuit switching and protection devices for voltages not greater than 1 kV;				
1.66.	GOST 14694, subclause 1.5; Non-destructive testing; exterior inspection and measurements	Sections of electrical switchgear or regulating equipment; Metal-enclosed switchgear; Electrical switchgear or protective equipment packages; Switchgears and electrical regulating equipment; Electrical circuit switching and protection devices for voltages greater than 1 kV; Electrical circuit switching and protection devices for voltages not greater than 1 kV; Sections of electrical switchgear or	27.12.3; 27.12; 27.12.1; 27.12.2; 27.12.4	853720	Technical documentation	compliant/noncompliant -

§§	Documents establishing rules and methods of investigations (testings) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.66.		regulating equipment; Metal-enclosed switchgear;				
1.67.	GOST 14694, subclause 3.1.8; Electrophysical investigations (testings); electrophysical investigation (testing) methods without specification	Electrical switchgear or protective equipment packages; Switchgears and electrical regulating equipment; Electrical circuit switching and protection devices for voltages greater than 1 kV; Electrical circuit switching and protection devices for voltages not greater than 1 kV; Sections of electrical switchgear or regulating equipment; Metal-enclosed switchgear;	27.12.3; 27.12; 27.12.1; 27.12.2; 27.12.4	853720	Tightness of contact surfaces of detachable contact joints	accepted/not accepted -

§§	Documents establishing rules and methods of investigations (testings) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.68.	GOST 14694, subclauses 3.1.2 - 3.1.7; Electrophysical investigations (testings); electrophysical investigation (testing) methods without specification	Electrical switchgear or protective equipment packages; Switchgears and electrical regulating equipment; Electrical circuit switching and protection devices for voltages greater than 1 kV; Electrical circuit switching and protection devices for voltages not greater than 1 kV; Sections of electrical switchgear or regulating equipment; Metal-enclosed switchgear;	27.12.3; 27.12; 27.12.1; 27.12.2; 27.12.4	853720	Resistance / current-carrying circuit withstand/ current-carrying circuit element withstand	- 10 <sup>-6</sup> Ω to 1999.9 Ω
1.69.	GOST 14694, subclauses 3.1.1; 3.2 - 3.9; Electrophysical investigations (testings); electrophysical investigation (testing) methods without specification	Electrical switchgear or protective equipment packages; Switchgears and electrical regulating equipment; Electrical circuit switchgear or protection devices for voltages greater than 1 kV;	27.12.3; 27.12; 27.12.1; 27.12.2; 27.12.4	853720	Temperature	- 0 °C to 300 °C

§§	Documents establishing rules and methods of investigations (testings) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.69.		Electrical circuit switching and protection devices for voltages not greater than 1 kV; Sections of electrical switchgear or regulating equipment; Metal-enclosed switchgear;			Temperature rise	Calculated rate: -
					Test current	- 0 A to 12000 A
					Heating resistance	passed/failed -
1.70.	GOST 14694, subclause 4.2; Non-destructive testing; exterior inspection and measurements	Electrical switchgear or protective equipment packages; Switchgears and electrical regulating equipment; Electrical circuit switching and protection devices for voltages greater than 1 kV; Electrical circuit switching and protection devices for voltages not greater than 1 kV;	27.12.3; 27.12; 27.12.1; 27.12.2; 27.12.4	853720	Alignment of main and auxiliary circuits detachable contacts	- 0.1mm to 1000 mm
					Travel of main and auxiliary circuits detachable contacts	- 0.1mm to 1000 mm

§§	Documents establishing rules and methods of investigations (testings) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.70.		Sections of electrical switchgear or regulating equipment; Metal-enclosed switchgear;				
1.71.	GOST 14694, subclause 4.3; Physical and mechanical; other investigation (testing) methods for determination of physical and mechanical characteristics	Electrical switchgear or protective equipment packages; Switchgears and electrical regulating equipment;	27.12.3; 27.12; 27.12.1; 27.12.2; 27.12.4	853720	Operation	passed/failed -
		Electrical circuit switching and protection devices for voltages greater than 1 kV; Electrical circuit switching and protection devices for voltages not greater than 1 kV; Sections of electrical switchgear or regulating equipment; Metal-enclosed switchgear;			Force	- 0 kN to 1 kN



§§	Documents establishing rules and methods of investigations (testings) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.72.	GOST 14694, subclause 4.4; Physical and mechanical; other investigation (testing) methods for determination of physical and mechanical characteristics	Electrical switchgear or protective equipment packages; Switchgears and electrical regulating equipment; Electrical circuit switching and protection devices for voltages greater than 1 kV; Electrical circuit switching and protection devices for voltages not greater than 1 kV; Sections of electrical	27.12.3; 27.12; 27.12.1; 27.12.2; 27.12.4	853720	Operation	passed/failed -
1.73.	GOST 14694, subclause 4.5; Physical and mechanical; other investigation (testing) methods for determination of physical and mechanical characteristics	Electrical switchgear or protective equipment packages; Switchgears and electrical regulating equipment; Electrical circuit switching and protection devices for voltages greater than 1 kV;	27.12.3; 27.12; 27.12.1; 27.12.2; 27.12.4	853720	Opening time	- 0.0001 s to 10 s

§§	Documents establishing rules and methods of investigations (testings) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.73.		Electrical circuit switching and protection devices for voltages not greater than 1 kV; Sections of electrical switchgear or regulating equipment; Metal-enclosed switchgear;			Closing time	- 0.0001 s to 10 s
1.74.	GOST 14694, subclauses 4.6, 4.7; Physical and mechanical; other investigation (testing) methods for determination of physical and mechanical characteristics	Electrical switchgear or protective equipment packages; Switchgears and electrical regulating equipment; Electrical circuit switching and protection devices for voltages greater than 1 kV; Electrical circuit switching and protection devices for voltages not greater than 1 kV; Sections of electrical switchgear or regulating equipment; Metal-enclosed	27.12.3; 27.12; 27.12.1; 27.12.2; 27.12.4	853720	Mechanical strength of elements  Cycles  Voltage	passed/failed -  0 cycles to 10000 cycles  - 0 V to 1000 V

§§	Documents establishing rules and methods of investigations (testings) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.74.		switchgear;				
1.75.	GOST 14694, subclause 4.8; Electrophysical investigations (testings); electrophysical investigation (testing) methods without specification	Electrical switchgear or protective equipment packages; Switchgears and electrical regulating equipment; Electrical circuit switching and protection devices for voltages greater than 1 kV; Electrical circuit switching and protection devices for voltages not greater than 1 kV; Sections of electrical switchgear or regulating equipment; Metal-enclosed switchgear;	27.12.3; 27.12; 27.12.1; 27.12.2; 27.12.4	853720	Locking device operability	passed/failed
					Force	- 0 kN to 1 kN
					Voltage	- 0 V to 500 V

§§	Documents establishing rules and methods of investigations (testings) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.76.	GOST 14694, subclause 4.9; Electrophysical investigations (testings); electrophysical investigation (testing) methods without specification	Electrical switchgear or protective equipment packages; Switchgears and electrical regulating equipment; Electrical circuit switching and protection devices for voltages greater than 1 kV; Electrical circuit switching and protection devices for voltages not greater than 1 kV; Sections of electrical switchgear or regulating equipment; Metal-enclosed switchgear;	27.12.3; 27.12; 27.12.1; 27.12.2; 27.12.4	853720	Fixing device test	passed/failed
					Force	- 0 kN to 1 kN
					Voltage	- 0 V to 500 V
1.77.	GOST 14694, subclause 4.10; Electrophysical investigations (testings); electrophysical investigation (testing) methods without specification	Electrical switchgear or protective equipment packages; Switchgears and electrical regulating equipment; Electrical circuit switchgear or protection devices for voltages greater than 1 kV;	27.12.3; 27.12; 27.12.1; 27.12.2; 27.12.4	853720	Pressure continuity of sliding earthing contacts	passed/failed

§§	Documents establishing rules and methods of investigations (testings) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.77.		Electrical circuit switching and protection devices for voltages not greater than 1 kV; Sections of electrical switchgear or regulating equipment; Metal-enclosed switchgear;			DC resistance	passed/failed $10^{-6} \Omega$ to 1999.9 $\Omega$
					Dimensions	0.02 mm to 0.5 mm
1.78.	GOST 14694, subclauses 5.1, 5.2; Electrophysical investigations (testings); electrophysical investigation (testing) methods without specification	Electrical switchgear or protective equipment packages; Switchgears and electrical regulating equipment; Electrical circuit switching and protection devices for voltages greater than 1 kV; Electrical circuit switching and protection devices for voltages not greater than 1 kV; Sections of electrical switchgear or regulating equipment; Metal-enclosed	27.12.3; 27.12; 27.12.1; 27.12.2; 27.12.4	853720	Alternating current	- 0 kV to 200 kV
					Insulation strength	passed/failed -

§§	Documents establishing rules and methods of investigations (testings) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.78.		switchgear;				
1.79.	GOST 14694, subclause 6.4; Physical and mechanical; other investigation (testing) methods for determination of physical and mechanical characteristics	Electrical switchgear or protective equipment packages; Switchgears and electrical regulating equipment; Electrical circuit switching and protection devices for voltages greater than 1 kV; Electrical circuit switching and protection devices for voltages not greater than 1 kV; Sections of electrical switchgear or regulating equipment; Metal-enclosed switchgear;	27.12.3; 27.12; 27.12.1; 27.12.2; 27.12.4	853720	Terminal post mechanical strength	passed/failed -
					Test force	- 0 kN to 50 kN

§§	Documents establishing rules and methods of investigations (testings) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.80.	GOST 14694, clause 7; Electrophysical investigations (testings); electrophysical investigation (testing) methods without specification	Electrical switchgear or protective equipment packages; Switchgears and electrical regulating equipment; Electrical circuit switching and protection devices for voltages greater than 1 kV; Electrical circuit switching and protection devices for voltages not greater than 1 kV; Sections of electrical switchgear or regulating equipment; Metal-enclosed switchgear;	27.12.3; 27.12; 27.12.1; 27.12.2; 27.12.4	853720	Test current	- 0 kA to 200 kA
					Short-circuit current withstand	passed/failed -
1.81.	GOST 14694, clause 10; Physical and mechanical; other investigation (testing) methods for determination of physical and mechanical characteristics	Electrical switchgear or protective equipment packages; Switchgears and electrical regulating equipment; Electrical circuit switchgear or protection devices for voltages greater than 1 kV;	27.12.3; 27.12; 27.12.1; 27.12.2; 27.12.4	853720	Interchangeability of identic replacement components	passed/failed -

§§	Documents establishing rules and methods of investigations (testings) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.81.		Electrical circuit switching and protection devices for voltages not greater than 1 kV; Sections of electrical switchgear or regulating equipment; Metal-enclosed switchgear;			Force	- 0 kN to 1 kN
					Dimensions	0 mm to 10000 mm
1.82.	GOST 14694, clause 11; Environmental effect testing; other environmental effect investigation (testing) methods	Switchgears and electrical regulating equipment; Electrical switchgear or protective equipment packages; Electrical circuit switching and protection devices for voltages greater than 1 kV; Electrical circuit switching and protection devices for voltages not greater than 1 kV; Sections of electrical switchgear or regulating equipment;	27.12; 27.12.3; 27.12.1; 27.12.2; 27.12.4	853720	Quality of corrosion protection	passed/failed -
					Temperature	- 20 °C to 40 °C
					Humidity	- 60 % to 98 %



§§	Documents establishing rules and methods of investigations (testings) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.82.		Metal-enclosed switchgear;				
1.83.	GOST 14694, clause 12; Electrophysical investigations (testings); electrophysical investigation (testing) methods without specification	Electrical switchgear or protective equipment packages; Switchgears and electrical regulating equipment; Electrical circuit switching and protection devices for voltages greater than 1 kV; Electrical circuit switching and protection devices for voltages not greater than 1 kV; Sections of electrical switchgear or regulating equipment; Metal-enclosed switchgear;	27.12.3; 27.12; 27.12.1; 27.12.2; 27.12.4	853720	Localization capacity	passed/failed
					Test current	- 0 kA to 31.5 kA
					Test voltage	- 0 kV to 35 kV

§§	Documents establishing rules and methods of investigations (testings) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.84.	GOST 14254-2015 (IEC 60529:2013), clause 12; Environmental effect testing; other environmental effect investigation (testing) methods	Electromotors, generators, and transformers; Switchgears and electrical regulating equipment; Other electronic and electrical leads and cables; Other electrical devices; Metal structures and their sections; Other metal reservoirs, tanks and similar vessels; Weapon and munitions; Ferrous-metal drums and similar vessels; Light-weight metal packs; Other end metal products not elsewhere classified; Electronic components; Loaded printed boards; Computers and peripheral equipment; Communication equipment; Consumer electronics;	27.11; 27.12; 27.32; 27.9 0; 25.11; 25.29; 25.40; 2 5.91; 25.92; 25.99; 26.11; 26.12; 26.20; 26.30; 26. 40; 26.51; 26.80; 27.20; 27.31; 27.33; 27.40; 28.1 2; 28.13; 28.14; 28.15; 2 9.10; 29.31; 29.32	8504; 8535; 8536; 8546	Degree of protection from access to hazardous parts	passed/failed 1 to 4

§§	Documents establishing rules and methods of investigations (testings) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.84.		Measurement, testing and navigation equipment; Magnetic and optical storage media; Batteries and accumulators; Fibre optic cables; Wiring products; Electrical lighting equipment; Hydraulic and pneumatic power equipment; Other pumps and compressors; Pipeline accessories (accessories) (taps, valves and others); Bearings, wheel gears, trains of gears and actuating members; Motor vehicles; Electrical and electronic equipment for motor vehicles; Other components and accessories for motor vehicles;				

§§	Documents establishing rules and methods of investigations (testings) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.85.	GOST 14254-2015 (IEC 60529:2013), clause 13; Environmental effect testing; other environmental effect investigation (testing) methods	Metal structures and their sections; Other metal reservoirs, tanks and similar vessels; Weapon and munitions; Ferrous-metal drums and similar vessels; Light-weight metal packs; Other end metal products not elsewhere classified; Electronic components; Loaded printed boards; Computers and peripheral equipment; Communication equipment; Electrical household devices; Measurement, testing and navigation equipment; Magnetic and optical storage media; Electromotors, generators, and transformers; Switchgears and electrical regulating equipment; Batteries and accumulators;	25.11; 25.29; 25.40; 25.9 1; 25.92; 25.99; 26.11; 2 6.12; 26.20; 26.30; 26.40; 26.51; 26.80; 27.11; 27. 12; 27.20; 27.31; 27.32; 27.33; 27.40; 27.90; 28.1 2; 28.13; 28.14; 28.15; 2 9.10; 29.31; 29.32	8504; 8535; 8536; 8546	Degree of protection from external solid objects	passed/failed 11 to 4

§§	Documents establishing rules and methods of investigations (testings) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.85.		Fibre optic cables; Other electronic and electrical leads and cables; Wiring products; Electrical lighting equipment; Other electrical devices; Hydraulic and pneumatic power equipment; Other pumps and compressors; Pipeline accessories (accessories) (taps, valves and others); Bearings, wheel gears, trains of gears and actuating members; Motor vehicles; Electrical and electronic equipment for motor vehicles; Other components and accessories for motor vehicles;				

§§	Documents establishing rules and methods of investigations (testings) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.86.	GOST 14254-2015 (IEC 60529:2013), clause 15; Environmental effect testing; other environmental effect investigation (testing) methods	Metal structures and their sections; Other metal reservoirs, tanks and similar vessels; Weapon and munitions; Ferrous-metal drums and similar vessels; Light-weight metal packs; Other end metal products not elsewhere classified; Electronic components; Loaded printed boards; Computers and peripheral equipment; Communication equipment; Electrical household devices; Measurement, testing and navigation equipment; Magnetic and optical storage media; Electromotors, generators, and transformers; Switchgears and electrical regulating equipment; Batteries and accumulators;	25.11; 25.29; 25.40; 25.9 1; 25.92; 25.99; 26.11; 2 6.12; 26.20; 26.30; 26.40; 26.51; 26.80; 27.11; 27. 12; 27.20; 27.31; 27.32; 27.33; 27.40; 27.90; 28.1 2; 28.13; 28.14; 28.15; 2 9.10; 29.31; 29.32	8504; 8535; 8536; 8546	Degree of protection from access to hazardous parts	passed/failed A to D

§§	Documents establishing rules and methods of investigations (testings) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.86.		Fibre optic cables; Other electronic and electrical leads and cables; Wiring products; Electrical lighting equipment; Other electrical devices; Hydraulic and pneumatic power equipment; Other pumps and compressors; Pipeline accessories (accessories) (taps, valves and others); Bearings, wheel gears, trains of gears and actuating members; Motor vehicles; Electrical and electronic equipment for motor vehicles; Other components and accessories for motor vehicles;				

§§	Documents establishing rules and methods of investigations (testings) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.87.	GOST 7746, subclause 9.1; Non-destructive testing; exterior inspection and measurements	Electrical transformers;	27.11.4	850431; 850432000	Terminal marking completeness	compliant/noncompliant -
					Mass	- 0 kg to 5000 kg
					Correctness of nameplates of technical data	passed/failed -
					Dimensions	- 0 mm to 15000 mm
					Compliance with assembly drawing	compliant/noncompliant -



§§	Documents establishing rules and methods of investigations (testings) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.87.					Protective coating condition of external parts	passed/failed -
					Earthing clamp pad condition	passed/failed -
					surface condition of external insulation parts	passed/failed -
1.88.	GOST 7746, subclause 9.2.1; Electrophysical investigations (testings); electrophysical investigation (testing) methods without specification	Electrical transformers;	27.11.4	850431; 850432000	Insulation strength	passed/failed -
					Test voltage	0 kV to 230 kV

§§	Documents establishing rules and methods of investigations (testings) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.89.	GOST 7746, subclause 9.2.3; Electrophysical investigations (testings); electrophysical investigation (testing) methods without specification	Electrical transformers;	27.11.4	850431; 850432000	Intersection insulation	passed/failed -
					Test voltage	- 0 kV to 100 kV
1.90.	GOST 7746, subclause 9.2.6; Electrophysical investigations (testings); electrophysical investigation (testing) methods without specification	Electrical transformers;	27.11.4	850431; 850432000	Interturn insulation	passed/failed -
					Test voltage	- 0 V to 5 kV
1.91.	GOST 7746, subclause 9.2.7; Electrophysical investigations (testings); electrophysical investigation (testing) methods without specification	Electrical transformers;	27.11.4	850431; 850432000	Insulation strength	passed/failed -

§§	Documents establishing rules and methods of investigations (testings) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.91.					Test voltage	- 0 kV to 230 kV
1.92.	GOST 7746, subclause 9.3; Electrophysical investigations (testings); electrophysical investigation (testing) methods without specification	Electrical transformers;	27.11.4	850431; 850432000	Winding insulation resistance	passed/failed $3 \cdot 10^3 \Omega$ to $10^{12} \Omega$
1.93.	GOST 7746, subclause 9.5.1.1; Electrophysical investigations (testings); electrophysical investigation (testing) methods without specification	Electrical transformers;	27.11.4	850431; 850432000	Polarity of windings/ correctness of contact clamps and terminals identification	compliant/noncompliant -
1.94.	GOST 7746, subclause 9.6; Electrophysical investigations (testings); electrophysical investigation (testing) methods without specification	Electrical transformers;	27.11.4	850431; 850432000	Accuracy limit factor and gear safety coefficient	compliant/noncompliant -
					Current	- 0 kA to 100 kA

§§	Documents establishing rules and methods of investigations (testings) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.95.	GOST 7746, subclause 9.7; Non-destructive testing; other methods of non-destructive testing	Electrical transformers;	27.11.4	850431; 850432000	Annual gas leakage	Calculated rate: -
					Gas concentraton	- 0 ppm to 1000 ppm
1.96.	GOST 7746, subclause 9.8; Electrophysical investigations (testings); electrophysical investigation (testing) methods without specification	Electrical transformers;	27.11.4	850431; 850432000	Exciting current	- 0 A to 100 A
1.97.	GOST 7746, subclause 9.9; Electrophysical investigations (testings); electrophysical investigation (testing) methods without specification	Electrical transformers;	27.11.4	850431; 850432000	Heating in continuous operating regime	- 0 °C to 300 °C
1.98.	GOST 7746, subclause 9.10; Electrophysical investigations (testings); electrophysical investigation (testing) methods	Electrical transformers;	27.11.4	850431; 850432000	Short-circuit current withstand	passed/failed -

§§	Documents establishing rules and methods of investigations (testings) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.98.	without specification				Current	- 0 kA to 200 kA
1.99.	GOST 8.217, subclause 9.4; Electrophysical investigations (testings); electrophysical investigation (testing) methods without specification	Electrical transformers;	27.11.4	850431; 850432000	Polarity of windings/ correctness of contact clamps and terminals identification	compliant/noncompliant -
1.100.	GOST 8.217, subclauses 9.3, 9.5; Electrophysical investigations (testings); electrophysical investigation (testing) methods without specification	Electrical transformers;	27.11.4	850431; 850432000	Absolute angular error	- -600 min to +600 min
					Relative current error	- 0.01% to 100 %
1.101.	GOST 26093, subclauses 4.2.1, 4.3.1; Environmental effect testing; other environmental effect investigation (testing) methods	Ceramic electrical insulator; insulating accessories for electrical equipment and ceramic devices; Electrical insulators; Insulators for electrified	23.43.10; 27.90.12.110	8546200000	Resistance to thermal shocks	passed/failed -

§§	Documents establishing rules and methods of investigations (testings) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.101.		railway overhead;			Water temperature	- +15 °C to +95 °C
1.102.	GOST 26093, subclauses 1.7, 3.1.2, 3.1.3, 3.2.1.1-3.2.1.4, 3.2.2.1; Physical and mechanical; other investigation (testing) methods for determination of physical and mechanical characteristics	Ceramic electrical insulator; Insulating accessories for electrical equipment and ceramic devices; Electrical insulators; Insulators for electrified railway overhead;	23.43.10; 27.90.12.110	8546200000	Mechanical strength	passed/failed -
					Mechanical force	- 0 kN to 500 kN
1.103.	GOST 26093, subclause 3.2.1.3; Physical and mechanical; other investigation (testing) methods for determination of physical and mechanical characteristics	Ceramic electrical insulator; Insulating accessories for electrical equipment and ceramic devices; Electrical insulators; Insulators for electrified railway overhead;	23.43.10; 27.90.12.110	8546200000	Mechanical strength	passed/failed -
					Mechanical force	- 0 kN to 500 kN

§§	Documents establishing rules and methods of investigations (testings) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.104.	GOST 26093, subclause 3.2.1.4; Physical and mechanical; other investigation (testing) methods for determination of physical and mechanical characteristics	Ceramic electrical insulator; insulating accessories for electrical equipment and ceramic devices; Electrical insulators; Insulators for electrified railway overhead;	23.43.10; 27.90.12.110	8546200000	Mechanical strength	passed/failed -
					Mechanical force	- 0 kN to 500 kN
					Temperature	- -60 °C to 0 °C
1.105.	GOST 26093, subclause 3.2.2.2; Environmental effect testing; Single action mechanical impact test (single shocks testings)	Ceramic electrical insulator; Insulating accessories for electrical equipment and ceramic devices; Electrical insulators; Insulators for electrified railway overhead;	23.43.10; 27.90.12.110	8546200000	Resistance to shocks	passed/failed 0 J to 60 J
					Shock energy	- 0 J to 60 J

§§	Documents establishing rules and methods of investigations (testings) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.106.	GOST 26093, subclause 4.2.1; Environmental effect testing; ambient temperature change testing	Ceramic electrical insulator; insulating accessories for electrical equipment and ceramic devices; Electrical insulators; Insulators for electrified railway overhead;	23.43.10; 27.90.12.110	8546200000	Resistance to thermal shocks	passed/failed -
					Temperature	- 10 °C to 80 °C
1.107.	GOST 26093, subclause 4.2.2; Environmental effect testing; ambient temperature change testing	Ceramic electrical insulator; Insulating accessories for electrical equipment and ceramic devices; Electrical insulators; Insulators for electrified railway overhead;	23.43.10; 27.90.12.110	8546200000	Resistance to slow temperature change	passed/failed -
					Temperature	- -60 °C to +85 °C
1.108.	GOST 26093, subclause 4.2.3; Physical and mechanical; other investigation (testing) methods for determination of physical and mechanical characteristics	Ceramic electrical insulator; Insulating accessories for electrical equipment and ceramic devices; Electrical insulators; Insulators for electrified railway overhead;	23.43.10; 27.90.12.110	8546200000	Cold resistance	passed/failed -



§§	Documents establishing rules and methods of investigations (testings) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.108.					Temperature	-60 °C to 0 °C
1.109.	GOST 26093, subclause 4.2.4; Physical and mechanical; other investigation (testing) methods for determination of physical and mechanical characteristics	Ceramic electrical insulator; Insulating accessories for electrical equipment and ceramic devices; Electrical insulators; Insulators for electrified railway overhead;	23.43.10; 27.90.12.110	8546200000	Water proofness	passed/failed 0 % to 98 %
					Humidity	- 0 % to 98 %
1.110.	GOST 26093, subclause 5.1.1; Non-destructive testing; exterior inspection and measurements	Ceramic electrical insulator; insulating accessories for electrical equipment and ceramic devices; Electrical insulators; Insulators for electrified railway overhead;	23.43.10; 27.90.12.110	8546200000	Surface quality	passed/failed -

§§	Documents establishing rules and methods of investigations (testings) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.111.	GOST 26093, subclause 5.2; Non-destructive testing; exterior inspection and measurements	Ceramic electrical insulator; Insulating accessories for electrical equipment and ceramic devices; Electrical insulators; Insulators for electrified railway overhead;	23.43.10;27.90.12.110	8546200000	Deviation from nominal dimensions and shape	- 0.1 mm to 50 mm
1.112.	GOST 26093, subclause 5.7; Physical and mechanical; other investigation (testing) methods for determination of physical and mechanical characteristics	Ceramic electrical insulator; Insulating accessories for electrical equipment and ceramic devices; Electrical insulators; Insulators for electrified railway overhead;	23.43.10; 27.90.12.110	8546200000	Water absorption capacity	passed/failed -
1.113.	GOST 1983, subclauses 9.1.1, 9.1.2; Non-destructive testing; exterior inspection and measurements	Other transformers of power not greater than 16 kVA;	27.11.42	8504320002; 850431	Dimensions	- 0 mm to 15000 mm
1.114.	GOST 1983, subclauses 9.1.1, 9.1.3; Non-destructive testing; exterior inspection and measurements	Other transformers of power not greater than 16 kVA;	27.11.42	8504320002; 850431	Mass	- 0 kg to 5000 kg

§§	Documents establishing rules and methods of investigations (testings) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.115.	GOST 1983, subclause 9.1.1; Non-destructive testing; exterior inspection and measurements	Other transformers of power not greater than 16 kVA;	27.11.42	8504320002; 850431	Completeness	compliant/noncompliant -
					Terminal marking	compliant/noncompliant -
					Correctness of nameplates of technical data	compliant/noncompliant -
					Compliance with assembly drawing surface condition of external insulation parts	compliant/noncompliant -
					Protective coating condition of external parts	compliant/noncompliant -

§§	Documents establishing rules and methods of investigations (testings) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.115.					Earthing clamp pad condition	compliant/noncompliant -
1.116.	GOST 1983, subclause 9.3; Electrophysical investigations (testings); electrophysical investigation (testing) methods without specification	Other transformers of power not greater than 16 kVA;	27.11.42	8504320002; 850431	Winding insulation resistance	- 0 Ω to 1000 GΩ
1.117.	GOST 1983, subclause 9.6; Electrophysical investigations (testings); electrophysical investigation (testing) methods without specification	Other transformers of power not greater than 16 kVA;	27.11.42	8504320002; 850431	Test voltage	- 0 kV to 230 kV
					Voltage error and angle error	- 0.01 % to 100 %
					Vector group	compliant/noncompliant -

§§	Documents establishing rules and methods of investigations (testings) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.118.	GOST 8.216, subclause 10.2; Electrophysical investigations (testings); electrophysical investigation (testing) methods without specification	Other transformers of power not greater than 16 kVA;	27.11.42	8504320002; 850431	Vector group	compliant/noncompliant -
1.119.	GOST 8.216, subclause 10.3; Electrophysical investigations (testings); electrophysical investigation (testing) methods without specification	Other transformers of power not greater than 16 kVA;	27.11.42	8504320002; 850431	Test voltage	- 0 kV to 230 kV
					Voltage phase angle error	- -600 min to +600 min
					Voltage transformer (VT) voltage scale transformation coefficient error (VT voltage error)	- 0.01% to 100 %
1.120.	GOST 1983, subclause 9.13; Environmental effect testing; other environmental effect investigation (testing) methods	Other transformers of power not greater than 16 kVA;	27.11.42	8504320002; 850431	Resistance to climatic ambient factors	passed/failed -

§§	Documents establishing rules and methods of investigations (testings) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.121.	GOST 1983, subclause 9.14; Non-destructive testing; other methods of non-destructive testing	Other transformers of power not greater than 16 kVA;	27.11.42	8504320002; 850431	Annual gas leakage	Calculated rate: passed/failed
					Gas concentraton	- 0 ppm to 1000 ppm
					Pressure	- 0 MPa to 0.9 MPa
					Dimensions	- 0 mm to 10000 mm
1.122.	GOST R 52034, subclause 7.2.1; Physical and mechanical; other investigation (testing) methods for determination of physical and mechanical characteristics	Ceramic electrical insulator; insulating accessories for electrical equipment and ceramic devices; Electrical insulators;	23.43.10; 27.90.12.110	8546200000	Mechanical strength	passed/failed

§§	Documents establishing rules and methods of investigations (testings) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.122.					Mechanical force	- 0 kN*m to 10 kN*m
1.123.	GOST R 52034, subclause 7.2.2; Physical and mechanical; other investigation (testing) methods for determination of physical and mechanical characteristics	Ceramic electrical insulator; insulating accessories for electrical equipment and ceramic devices; Electrical insulators;	23.43.10; 27.90.12.110	8546200000	Resistance to shocks	passed/failed 0 J to 60 J
					Shock energy	- 0 J to 60 J
1.124.	GOST R 52034, subclauses 7.4.2, 7.4.7, 7.4.9; Physical and mechanical; other investigation (testing) methods for determination of physical and mechanical characteristics	Ceramic electrical insulator; Insulating accessories for electrical equipment and ceramic devices; Electrical insulators;	23.43.10; 27.90.12.110	8546200000	Resistance to sudden temperature change	passed/failed 50 °C to 80 °C
					Resistance to mechanical force	passed/failed 0 kN to 500 kN

§§	Documents establishing rules and methods of investigations (testings) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.124.					Resistance to slow temperature change	passed/failed -70 °C to +130 °C
					Mechanical torsion load	passed/failed 0 kN*m to 50 kN*m
					Mechanical tensile load	passed/failed 0 kN to 500 kN
					Reliability	passed/failed -
					Force	- 0 kN to 500 kN



§§	Documents establishing rules and methods of investigations (testings) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.124.					Torque moment	- 0 kN*m to 50 kN*m
					Tensile force	- 0 kN to 500 kN
					Temperature	- 50°C to 80 °C
1.125.	GOST 6490, subclause 7.3.1; Non-destructive testing; exterior inspection and measurements	Electrical insulators; Glass electrical insulators; Ceramic electrical insulator; Insulating accessories for electrical equipment and ceramic devices; Insulators for electrified railway overhead;	27.90.12.110; 23.19.25; 23.43.10	8546100000; 854620000 0	Surface quality	passed/failed -

§§	Documents establishing rules and methods of investigations (testings) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.126.	GOST 6490, subclauses 7.3.2.1-7.3.2.3; Non-destructive testing ; exterior inspection and measurements	Electrical insulators; Glass electrical insulators ; Ceramic electrical insulator; insulating accessories for electrical equipment and ceramic devices; Insulators for electrified railway overhead;	27.90.12.110; 23.19.25; 23.43.10	8546100000; 8546200000	Dimensions	- 0 mm to 15000 mm
1.127.	GOST 6490, subclause 7.3.2.4; Non-destructive testing; exterior inspection and measurements	Electrical insulators; Glass electrical insulators ; Ceramic electrical insulator; insulating accessories for electrical equipment and ceramic devices;	27.90.12.110; 23.19.25; 23.43.10	8546100000; 854620000 0	Mass	- 0 kg to 5000 kg
1.128.	GOST 6490, subclause 7.3.4 (Zinc coating thickness); Non-destructive testing; exterior inspection and measurements	Electrical insulators Glass electrical insulators ; Ceramic electrical insulator; insulating accessories for electrical equipment and ceramic devices; Insulators for electrified	27.90.12.110; 23.19.25; 23.43.10	8546100000; 854620000 0	Zinc coating thickness	passed/failed 0 µm to 5000 µm

§§	Documents establishing rules and methods of investigations (testings) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.128.		railway overhead;			Dimensions	- 0 μm to 5000 μm
1.129.	GOST 6490, subclause 7.3.4 (Zinc coating quality); Non-destructive testing; exterior inspection and measurements	Electrical insulators Glass electrical insulators ; Ceramic electrical insulator; insulating accessories for electrical equipment and ceramic devices; insulators for electrified railway overhead;	27.90.12.110; 23.19.25; 23.43.10	8546100000; 8546200000	Zinc coating quality	passed/failed -
1.130.	GOST 6490, subclause 7.3.5 (axial displacement); Non-destructive testing; exterior inspection and measurements	Electrical insulators Glass electrical insulators ; Ceramic electrical insulator; insulating accessories for electrical equipment and ceramic devices;	27.90.12.110; 23.19.25; 23.43.10	8546100000; 8546200000	Axial displacement	- 0 mm to 10 mm

§§	Documents establishing rules and methods of investigations (testings) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.131.	GOST 6490, subclause 7.3.5 (radial displacement); Non-destructive testing; exterior inspection and measurements	Electrical insulators Glass electrical insulators ; Ceramic electrical insulator; insulating accessories for electrical equipment and ceramic devices; Insulators for electrified railway overhead;	27.90.12.110; 23.19.25; 23.43.10	8546100000; 8546200000	Radial displacement	- 0 mm to 10 mm
1.132.	GOST 6490, subclause 7.3.6; Physical and mechanical; other investigation (testing) methods for determination of physical and mechanical characteristics (testings); electrophysical investigation (testing) methods without specification	Electrical insulators; Glass electrical insulators ; Ceramic electrical insulator; insulating accessories for electrical equipment and ceramic devices; Insulators for electrified railway overhead;	27.90.12.110; 23.19.25; 23.43.10	8546100000; 8546200000	Temperature resistance	passed/failed -
					Water temperature	- +15 to +95 °C
1.133.	GOST 6490, subclause 7.4.1; Electrophysical investigations	Electrical insulators Glass electrical insulators ; Ceramic electrical insulator; insulating accessories for electrical equipment	27.90.12.110; 23.19.25; 23.43.10	8546100000; 8546200000	Resistance to continuous spark flow	passed/failed -

§§	Documents establishing rules and methods of investigations (testings) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.133.		and ceramic devices; Insulators for electrified railway overhead;			Time	- 0 min to 5 min
					Voltage	- 0 kV to 150 kV
					Distance	- 15 mm to 30 mm
1.134.	GOST 6490, subclauses 7.5.1, 7.5.4; Physical and mechanical; other investigation (testing) methods for determination of physical and mechanical characteristics	Electrical insulators Glass electrical insulators ; Ceramic electrical insulator; insulating accessories for electrical equipment and ceramic devices; Insulators for electrified railway overhead;	27.90.12.110; 23.19.25; 23.43.10	8546100000; 854620000 0	Mechanical strength	passed/failed -
					Tensile force	- 0 kN to 500 kN

§§	Documents establishing rules and methods of investigations (testings) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.135.	GOST 6490, subclause 7.5.2 (mechanical destructive force); Physical and mechanical; other investigation (testing) methods for determination of physical and mechanical characteristics	Electrical insulators; Glass electrical insulators ; Ceramic electrical insulator; insulating accessories for electrical equipment and ceramic devices; Insulators for electrified railway overhead;	27.90.12.110; 23.19.25; 23.43.10	8546100000; 8546200000	Mechanical destructive force	passed/failed
					Tensile force	- 0 kN to 1000 kN
1.136.	GOST 1232, subclause 8.5 (dimensions); Non-destructive testing; exterior inspection and measurements	Glass electrical insulators ; Ceramic electrical insulator; insulating accessories for electrical equipment and ceramic devices; Electrical insulators;	23.19.25; 23.43.10; 27.9 0.12.110	8546100000; 8546200000	Dimensions	compliant/noncompliant 0 mm to 8000 mm
1.137.	GOST 1232, subclause 8.5 (leakage path length); Non-destructive testing; exterior inspection and measurements	Glass electrical insulators ; Ceramic electrical insulator; insulating accessories for electrical equipment and ceramic devices; Electrical insulators;	23.19.25; 23.43.10; 27.9 0.12.110	8546100000; 8546200000	Leakage path length	passed/failed -

§§	Documents establishing rules and methods of investigations (testings) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.137.					Dimensions	- 0 mm to 8000 mm
1.138.	GOST 1232, subclause 8.5 (Mass); Non-destructive testing; exterior inspection and measurements	Glass electrical insulators ; Ceramic electrical insulator; insulating accessories for electrical equipment and ceramic devices; Electrical insulators;	23.19.25; 23.43.10; 27.9 0.12.110	8546100000; 854620000 0	Mass	passed/failed 1 kg to 500 kg
1.139.	GOST 1232, subclause 8.6; Environmental effect testing; other environmental effect investigation (testing) methods	Glass electrical insulators ; Ceramic electrical insulator; insulating accessories for electrical equipment and ceramic devices; Electrical insulators;	23.19.25; 23.43.10; 27.9 0.12.110	8546100000; 854620000 0	Temperature resistance	passed/failed -
					Temperature	- +15 °C to +95 °C
1.140.	GOST 1232, subclauses 8.8, 8.9, 8.11; Physical and mechanical; other investigation (testing) methods for determination of physical and mechanical	Glass electrical insulators ; Ceramic electrical insulator; insulating accessories for	23.19.25; 23.43.10; 27.9 0.12.110	8546100000; 854620000 0	Mechanical strength	passed/failed -

§§	Documents establishing rules and methods of investigations (testings) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.140.	characteristics	electrical equipment and ceramic devices; Electrical insulators;			Tensile force	- 0 kN to 500 kN
1.141.	GOST 1232, subclause 8.12.1; Electrophysical investigations (testings); electrophysical investigation (testing) methods without specification	Glass electrical insulators ; Ceramic electrical insulator; Insulating accessories for electrical equipment and ceramic devices; Electrical insulators;	23.19.25; 23.43.10; 27.9 0.12.110	8546100000; 854620000 0	Resistance to locking device	passed/failed -
					Mass	- 0 kg to 500 kg
1.142.	GOST 1232, subclause 8.12.2; Electrophysical investigations (testings); electrophysical investigation (testing) methods without specification	Glass electrical insulators ; Ceramic electrical insulator; Insulating accessories for electrical equipment and ceramic devices; Electrical insulators;	23.19.25; 23.43.10; 27.9 0.12.110	8546100000; 854620000 0	Resistance to locking device withdrawal	passed/failed -
					Mechanical force	- 0 kN to 1 kN



§§	Documents establishing rules and methods of investigations (testings) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.143.	GOST 1232, subclause 8.13; Physical and mechanical; other investigation (testing) methods for determination of physical and mechanical characteristics	Glass electrical insulators ; Ceramic electrical insulator; insulating accessories for electrical equipment and ceramic devices; Electrical insulators;	23.19.25; 23.43.10; 27.9 0.12.110	8546100000; 8546200000	Mechanical strength	passed/failed -
					Tensile force	- 0 kN to 50 kN
1.144.	GOST R 52082, subclause 8.4, Appendix M; Electrophysical investigations (testings); electrophysical investigation (testing) methods without specification	Electrical insulators; Other vulcanized rubber products not elsewhere classified; Hard rubber in all forms and products thereof; Porous vulcanized rubber flooring and matting;	27.90.12.110; 22.19.73	8546901000	Arc resistance	passed/failed -
					Current	- 0.5 kA to 6 kA
1.145.	GOST R 52082, subclause 8.6.4; Environmental effect testing; other environmental effect investigation (testing) methods	Electrical insulators; Other vulcanized rubber products not elsewhere classified; Hard rubber in all forms and products thereof; porous vulcanized rubber flooring	27.90.12.110; 22.19.73	8546901000	Resistance to to water penetration	passed/failed -

§§	Documents establishing rules and methods of investigations (testings) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.145.		and matting;			Time	- 0 h to 50 h
					Temperature	- 20°C to 100 °C
1.146.	GOST R 52082, subclauses 8.6.4 - 8.6.5; Environmental effect testing; other environmental effect investigation (testing) methods	Electrical insulators; Other vulcanized rubber products not elsewhere classified; Hard rubber in all forms and products thereof; Porous vulcanized rubber flooring and matting;	27.90.12.110; 22.19.73	8546901000	Resistance to water penetration	passed/failed
					Time	- 0 h to 50 h
					Temperature	- 20°C to 100 °C

§§	Documents establishing rules and methods of investigations (testings) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.147.	GOST R 52082, subclauses 8.8.1- 8.8.3, 8.8.5 (dimensions); Non-destructive testing; exterior inspection and measurements	Electrical insulators; Other vulcanized rubber products not elsewhere classified; Hard rubber in all forms and products thereof; Porous vulcanized rubber flooring and matting;	27.90.12.110; 22.19.73	8546901000	Dimensions	compliant/noncompliant 0 mm to 10000 mm
1.148.	GOST R 52082, subclauses 8.8.4, 8.8.5; Non-destructive testing; exterior inspection and measurements	Electrical insulators; Other vulcanized rubber products not elsewhere classified; Hard rubber in all forms and products thereof; Porous vulcanized rubber flooring and matting;	27.90.12.110; 22.19.73	8546901000	Mass	- 0.5 kg to 500 kg
1.149.	GOST R 52082, subclause 8.9.1; Environmental effect testing; other environmental effect investigation (testing) methods	Electrical insulators; Other vulcanized rubber products not elsewhere classified; Hard rubber in all forms and products thereof; Porous vulcanized rubber flooring and	27.90.12.110; 22.19.73	8546901000	Water repellence	- 1 class to 7 class

§§	Documents establishing rules and methods of investigations (testings) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.149.		matting;				
1.150.	GOST R 52082, subclause 8.9.2; Non-destructive testing; exterior inspection and measurements	Electrical insulators; Other vulcanized rubber products not elsewhere classified; Hard rubber in all forms and products thereof; Porous vulcanized rubber flooring and matting;	27.90.12.110; 22.19.73	8546901000	Surface quality	passed/failed -
1.151.	GOST R 52082, subclause 8.9.3; Non-destructive testing; exterior inspection and measurements	Electrical insulators; Other vulcanized rubber products not elsewhere classified; Hard rubber in all forms and products thereof; Porous vulcanized rubber flooring and matting;	27.90.12.110; 22.19.73	8546901000	Quality of connection between accessories and insulation part	passed/failed -
					Dimensions	- 0 mm to 10000 mm

§§	Documents establishing rules and methods of investigations (testings) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.152.	GOST R 52082, subclause 8.9.4; Non-destructive testing; other methods of non-destructive testing	Electrical insulators; Other vulcanized rubber products not elsewhere classified; Hard rubber in all forms and products thereof; Porous vulcanized rubber flooring and matting;	27.90.12.110; 22.19.73	8546901000	Anticorrosion coating thickness	- 5 µm to 5000 µm
1.153.	GOST R 52082, subclauses 8.9.5.1, 8.9.5.2, 8.9.5.5 (detachment); Non-destructive testing; exterior inspection and measurements	Electrical insulators; Other vulcanized rubber products not elsewhere classified; Hard rubber in all forms and products thereof; Porous vulcanized rubber flooring and matting;	27.90.12.110; 22.19.73	8546901000	Protective enclosure adhesion	passed/failed
					Force	- 0 kN to 2 kN
1.154.	GOST R 52082, subclause 8.9.6; Environmental effect testing; other environmental effect investigation (testing) methods	Electrical insulators; Other vulcanized rubber products not elsewhere classified; Hard rubber in all forms and products thereof; Porous vulcanized rubber flooring and	27.90.12.110; 22.19.73	8546901000	Dye rise time	- 0 min to 60 min

§§	Documents establishing rules and methods of investigations (testings) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.154.		matting;				
1.155.	GOST R 52082, subclause 8.9.7; Non-destructive testing; exterior inspection and measurements	Electrical insulators; Other vulcanized rubber products not elsewhere classified; Hard rubber in all forms and products thereof; Porous vulcanized rubber flooring and matting;	27.90.12.110; 22.19.73	8546901000	Resistance to colouring liquid penetration	passed/failed -
					Water diffusion into insulating body	passed/failed -
1.156.	GOST 30284, subclause 7.15; Electrophysical investigations (testings); electrophysical investigation (testing) methods without specification	Glass electrical insulators ; Ceramic electrical insulator; Insulating accessories for electrical equipment and ceramic devices; Electrical insulators; Porous vulcanized	23.19.25; 23.43.10; 27.9 0.12.110; 22.19.73	8546100000; 854620000 0; 8546901000	Resistance to electrical arc	passed/failed -
					Current	- 1kA to 6 kA

§§	Documents establishing rules and methods of investigations (testings) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.156.		rubber flooring and matting; Insulators for electrified railway overhead; Insulators for electrified railway overhead; Insulators for electrified railway overhead; Insulators for electrified railway overhead;				
1.157.	GOST R 55189, subclauses 8.4.1- 8.4.7; Physical and mechanical; other investigation (testing) methods for determination of physical and mechanical characteristics	Electrical insulators; Other vulcanized rubber products not elsewhere classified; Hard rubber in all forms and products thereof; Porous vulcanized rubber flooring and matting;	27.90.12.110; 22.19.73	8546901000	Mechanical strength	passed/failed -
					Tensile force	- 0 kV to 500 kN
1.158.	GOST R 55189, subclause 8.5.4; Environmental effect testing; other environmental	Electrical insulators; Other vulcanized rubber products not elsewhere classified; hard rubber	27.90.12.110; 22.19.73	8546901000	Alternating current	- 0 kV to 230 kV

§§	Documents establishing rules and methods of investigations (testings) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.158.	effect investigation (testing) methods	in all forms and products thereof ; Porous vulcanized rubber flooring and matting;			Water temperature	- 0°C to 100 °C
					Tensile force	- 0 kN to 500 kN
1.159.	GOST R 55189, subclause 8.5.5; Environmental effect testing; other environmental effect investigation (testing) methods	Electrical insulators; Other vulcanized rubber products not elsewhere classified; Hard rubber in all forms and products thereof; Porous vulcanized rubber flooring and matting;	27.90.12.110; 22.19.73	8546901000	Resistance to water penetration	passed/failed -
					Temperature	- -60 °C to 85 °C
					Tensile force	- 0 kN to 20 kN



§§	Documents establishing rules and methods of investigations (testings) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.159.					Resistance to climatic effects	passed/failed
1.160.	GOST R 55189, subclauses 8.6.1, 8.6.4 (dimensions); Non-destructive testing; exterior inspection and measurements	Electrical insulators; Other vulcanized rubber products not elsewhere classified; Hard rubber in all forms and products thereof; Porous vulcanized rubber flooring and matting;	27.90.12.110; 22.19.73	8546901000	Dimensions	compliant/noncompliant 0 mm to 15000 mm
1.161.	GOST R 55189, subclauses 8.6.2, 8.6.4 (leakage path length); Non-destructive testing; exterior inspection and measurements	Electrical insulators; Other vulcanized rubber products not elsewhere classified; Hard rubber in all forms and products thereof; Porous vulcanized rubber flooring and matting;	27.90.12.110; 22.19.73	8546901000	Leakage path length	passed/failed 0 to 15000 mm

§§	Documents establishing rules and methods of investigations (testings) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.162.	GOST R 55189, subclauses 8.6.3, 8.6.4 (Mass); Non-destructive testing; exterior inspection and measurements	Electrical insulators; Other vulcanized rubber products not elsewhere classified; Hard rubber in all forms and products thereof; Porous vulcanized rubber flooring and matting;	27.90.12.110; 22.19.73-		Mass	passed/failed 0.1 kg to 500 kg
1.163.	GOST R 55189, subclause 8.7.5; Environmental effect testing; other environmental effect investigation (testing) methods	Electrical insulators; Other vulcanized rubber products not elsewhere classified; Hard rubber in all forms and products thereof; Porous vulcanized rubber flooring and matting;	27.90.12.110; 22.19.73	8546901000	Water repellence	- 1 to 7 class
1.164.	GOST R 55189, subclause 8.7.6; Environmental effect testing; other environmental effect investigation (testing) methods	Electrical insulators; Other vulcanized rubber products not elsewhere classified; Hard rubber in all forms and products thereof; Porous vulcanized rubber flooring and	27.90.12.110; 22.19.73	8546901000	Time	- 0 min to 60 min

§§	Documents establishing rules and methods of investigations (testings) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.164.		matting;			Resistance to colouring liquid penetration	passed/failed -
1.165.	GOST 28856, subclauses 5.2.2, 5.2.3; Physical and mechanical; other investigation (testing) methods for determination of physical and mechanical characteristics	Electrical insulators; Other vulcanized rubber products not elsewhere classified; Hard rubber in all forms and products thereof; Porous vulcanized rubber flooring and matting; Insulators for electrified railway overhead; Insulators for electrified railway overhead; Insulators for electrified railway overhead; Insulators for electrified railway overhead;	27.90.12.110; 22.19.73	8546901000	Mechanical strength	passed/failed -
					Mechanical tensile force	- 0 to 500 kN

§§	Documents establishing rules and methods of investigations (testings) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.166.	GOST 28856, subclause 5.4.1.1 (dimensions); Non-destructive testing ; exterior inspection and measurements	Electrical insulators; Other vulcanized rubber products, not included ino other groups; hard rubber in all forms and products thereof; porous vulcanized rubber flooring and matting; Insulators for electrified railway overhead; Insulators for electrified railway overhead; Insulators for electrified railway overhead; Insulators for electrified railway overhead ;	27.90.12.110; 22.19.73	8546901000	Dimensions	compliant/noncompliant 0 mm to 15000 mm
1.167.	GOST 28856, subclause 5.4.1.2; Physical and mechanical; other investigation (testing) methods for determination of physical and mechanical characteristics	Electrical insulators; Other vulcanized rubber products not elsewhere classified; Hard rubber in all forms and products thereof; Porous vulcanized rubber flooring and	27.90.12.110; 22.19.73	8546901000	Leakage path length	- 0 mm to 15000 mm

§§	Documents establishing rules and methods of investigations (testings) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.167.		matting; Insulators for electrified railway overhead; Insulators for electrified railway overhead;				
1.168.	GOST 34205, subclause 7.7; Physical and mechanical; other investigation (testing) methods for determination of physical and mechanical characteristics	Insulators for electrified railway overhead; Insulators for electrified railway overhead; Electrical insulators; Insulators for electrified railway overhead; Insulators for electrified railway overhead; Insulators for electrified railway overhead; Insulators for electrified railway overhead;	27.90.12.110	853590000	Mechanical strength	passed/failed -
					Mechanical tensile force	- 0 kN to 500 kN

§§	Documents establishing rules and methods of investigations (testings) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.169.	GOST 34205, subclause 7.10, 7.11; Environmental effect testing; other environmental effect investigation (testing) methods	Electrical insulators; Insulators for electrified railway overhead; Insulators for electrified railway overhead; Insulators for electrified railway overhead;	27.90.12.110	853590000	Resistance to to water penetration	passed/failed -
					Water temperature	- 0 °C to 100 °C
1.170.	GOST 28739, subclause 22; Environmental effect testing; other environmental effect investigation (testing) methods	Electrical insulators; Other vulcanized rubber products, not included into other groups; hard rubber in all forms and products thereof; Porous vulcanized rubber flooring and matting;	27.90.12.110; 22.19.73	8546901000	Power-frequency voltage	- 0 kV to 230 kV
					Resistance to water absorption capacity	passed/failed -
1.171.	GOST 30284, subclause 7.5; Physical and mechanical; other investigation (testing) methods for determination of physical and mechanical characteristics	Glass electrical insulators ; Ceramic electrical insulator; Insulating accessories for electrical	23.19.25; 23.43.10; 27.9 0.12.110; 22.19.73	8546100000; 854620000 0; 8546901000	Mechanical strength	passed/failed -

§§	Documents establishing rules and methods of investigations (testings) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.171.		equipment and ceramic devices ; Electrical insulators; Other vulcanized rubber products, not included in other groups; Hard rubber in all forms and products thereof; Porous vulcanized rubber flooring and matting; Insulators for electrified railway overhead; Insulators for electrified railway overhead; Insulators for electrified railway overhead; Insulators for electrified railway overhead;			Mechanical tensile force	- 0 kN to 500 kN
1.172.	GOST 30284, subclause 7.6; Physical and mechanical; other investigation (testing) methods for determination of physical and mechanical characteristics	Glass electrical insulators ; Ceramic electrical insulator; Insulating accessories for electrical equipment and ceramic devices; Electrical insulators;	23.19.25; 23.43.10; 27.90.12.110; 22.19.73	8546100000; 854620000 0; 8546901000	Mechanical strength	passed/failed -

§§	Documents establishing rules and methods of investigations (testings) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.172.		Other vulcanized rubber products not elsewhere classified; Hard rubber in all forms and products thereof; Porous vulcanized rubber flooring and matting; insulators for electrified railway overhead; Insulators for electrified railway overhead; insulators for electrified railway overhead; Insulators for electrified railway overhead;			Breaking bending moment	Calculated rate: -
					Bending force	- 0 kN to 100 kN
1.173.	GOST 30284, subclause 7.12; Environmental effect testing; Single action mechanical impact test (single shocks testings)	Glass electrical insulators ; Ceramic electrical insulator; Insulating accessories for electrical equipment and ceramic devices; Electrical insulators; other vulcanized rubber	23.19.25; 23.43.10; 27.9 0.12.110; 22.19.73	8546100000; 854620000 0; 8546901000	Resistance to single shocks	passed/failed -



§§	Documents establishing rules and methods of investigations (testings) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.173.		products not elsewhere classified; Hard rubber in all forms and products thereof; Porous vulcanized rubber flooring and matting; Insulators for electrified railway overhead; Insulators for electrified railway overhead; Insulators for electrified railway overhead; Insulators for electrified railway overhead;			Distance	- 0 m to 2 m
					Mass	- 0 kg to 10 kg
1.174.	GOST 30284, subclause 7.13; Environmental effect testing; other environmental effect investigation (testing) methods	Glass electrical insulators ; Ceramic electrical insulator; Insulating accessories for electrical equipment and ceramic devices; Electrical insulators; Other vulcanized rubber products not elsewhere classified; Hard	23.19.25; 23.43.10; 27.9 0.12.110; 22.19.73	8546100000; 854620000 0; 8546901000	Resistance to to water penetration	passed/failed -
					Temperature	- 0 °C to 100 °C

§§	Documents establishing rules and methods of investigations (testings) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.174.		rubber in all forms and products thereof ; Porous vulcanized rubber flooring and matting; Insulators for electrified railway overhead; Insulators for electrified railway overhead; Insulators for electrified railway overhead; Insulators for electrified railway overhead;			Time	- 0 h to 500 h
1.175.	GOST R 52287-2004 (IEEC 60772-1983), subclause 6.4.3; Electrophysical investigations (testings); electrophysical investigation (testing) methods without specification	Ceramic electrical insulator; Insulating accessories for electrical equipment and ceramic devices; Electrical switchgear or protective equipment packages; Wiring products; Wiring products;	23.43.10; 27.12.3; 27.33; 27.33.1	853720; 8546200000; 85 46901000	Continuity conductor	passed/failed -
					Resistance	- 0 kΩ to 1 kΩ

§§	Documents establishing rules and methods of investigations (testings) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.176.	GOST R 52287-2004 (IEEC60772-1983), subclause 6.4.9; Electrophysical investigations (testings); electrophysical investigation (testing) methods without specification	Ceramic electrical insulator; insulating accessories for electrical equipment and ceramic devices; Electrical switchgear or protective equipment packages; Wiring products; Wiring products;	23.43.10; 27.12.3; 27.33; 27.33.1	853720; 8546200000; 8546901000	Resistance to short-time rated overcurrent	passed/failed -
					Overcurrent	- 50 A to 12000 A
1.177.	GOST R 52287-2004 (IEEC 60772-1983), subclause 6.4.9; Electrophysical investigations (testings); electrophysical investigation (testing) methods without specification	Ceramic electrical insulator; Insulating accessories for electrical equipment and ceramic devices; Electrical switchgear or protective equipment packages; Wiring products; Wiring products;	23.43.10; 27.12.3; 27.33; 27.33.1	853720; 8546200000; 85 46901000	Rated short time withstand current	- 100 A to 5000 A
1.178.	GOST R 52287-2004 (IEEC 60772-1983), subclause 6.4.10; Electrophysical investigations (testings); electrophysical	Ceramic electrical insulator; Insulating accessories for electrical equipment and ceramic devices;	23.43.10; 27.12.3; 27.33; 27.33.1	853720; 8546200000; 85 46901000	Short-circuit current-carrying capacity	passed/failed -

§§	Documents establishing rules and methods of investigations (testings) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.178.	investigation (testing) methods without specification	Electrical switchgear or protective equipment packages; Wiring products; Wiring products;			Current	- 0 kA to 200 kA
1.179.	GOST R 55187, subclause 9.1; Non-destructive testing; exterior inspection and measurements	Electrical insulators; Ceramic electrical insulator; Insulating accessories for electrical equipment and ceramic devices; Other vulcanized rubber products not elsewhere classified; Hard rubber in all forms and products thereof; Porous vulcanized rubber flooring and matting;	27.90.12.110; 23.43.10; 22.19.73	8546200000; 854690100 0	Exterior	compliant/noncompliant -
					Dimensions	- 0 mm to 15000 mm
					Mass	- 0 kg to 2000 kg
1.180.	GOST R 55187, subclause 9.4; Electrophysical investigations (testings); electrophysical investigation (testing) methods without specification	Electrical insulators; Ceramic electrical insulator; Insulating accessories for electrical equipment and ceramic devices;	27.90.12.110; 23.43.10; 22.19.73	8546200000; 854690100 0	Insulation resistance	- $-3 \cdot 10^3 \Omega$ to $10^{12} \Omega$

§§	Documents establishing rules and methods of investigations (testings) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.180.		Other vulcanized rubber products not elsewhere classified; Hard rubber in all forms and products thereof; Porous vulcanized rubber flooring and matting;				
1.181.	GOST R 55187, subclause 9.5; Electrophysical investigations (testings); electrophysical investigation (testing) methods without specification	Electrical insulators; Ceramic electrical insulator; Insulating accessories for electrical equipment and ceramic devices; Other vulcanized rubber products not elsewhere classified; Hard rubber in all forms and products thereof; Porous vulcanized rubber flooring and matting;	27.90.12.110; 23.43.10; 22.19.73	8546200000; 8546901000	Measurement terminal insulation strength	passed/failed -
					Test voltage	- 0 kV to 5 kV
1.182.	GOST R 55187, subclause 9.6; Electrophysical investigations (testings); electrophysical investigation (testing) methods	Electrical insulators; Ceramic electrical insulator; insulating accessories for electrical	27.90.12.110; 23.43.10; 22.19.73	8546200000; 854690100 0	Current-carrying circuit resistance	- *10 <sup>-6</sup> Ω to 199.9 Ω

§§	Documents establishing rules and methods of investigations (testings) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.182.	without specification	equipment and ceramic devices; Other vulcanized rubber products not elsewhere classified; Hard rubber in all forms and products thereof; Porous vulcanized rubber flooring and matting;			Test current	- 10 <sup>-4</sup> A to 100 A
1.183.	GOST R 55187, subclause 9.7; Electrophysical investigations (testings); electrophysical investigation (testing) methods without specification	Electrical insulators; Ceramic electrical insulator; Insulating accessories for electrical equipment and ceramic devices; Other vulcanized rubber products not elsewhere classified; Hard rubber in all forms and products thereof; Porous vulcanized rubber flooring and matting;	27.90.12.110; 23.43.10; 22.19.73	8546200000; 854690100 0	Capacity / Electrical capacity	- 20 pF to 1000 pF
					Dielectric loss tangent increase	Calculated rate: -
					Dielectric loss angle tangent	- 0.01% to 100 %

§§	Documents establishing rules and methods of investigations (testings) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.184.	GOST R 55187, subclauses 9.12, 9.13; Electrophysical investigations (testings); electrophysical investigation (testing) methods without specification	Electrical insulators; Ceramic electrical insulators; Insulating accessories for electrical equipment and ceramic devices; Other vulcanized rubber products, not included in other groups; Hard rubber in all forms and products thereof; Porous vulcanized rubber flooring and matting;	27.90.12.110; 23.43.10; 22.19.73	8546200000;8546901000	Resistance to rated current-induced heating	passed/failed -
					Temperature	- 0 °C to 300 °C
1.185.	GOST R 55187, subclause 9.18 (test in situ); Electrophysical investigations (testings); electrophysical investigation (testing) methods without specification	Electrical insulators; Ceramic electrical insulator; Insulating accessories for electrical equipment and ceramic devices; Other vulcanized rubber products not elsewhere classified; Hard rubber in all forms and products thereof; Porous vulcanized rubber flooring and matting;	27.90.12.110; 23.43.10; 22.19.73	8546200000; 8546901000	Resistance to short-circuit current	passed/failed -
					Short-circuit current	- 0 kA to 200 kA

§§	Documents establishing rules and methods of investigations (testings) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.186.	GOST R 55187, subclause 9.18 (calculation method); Electrophysical investigations (testings); electrophysical investigation (testing) methods without specification	Electrical insulators; Ceramic electrical insulator; Insulating accessories for electrical equipment and ceramic devices; Other vulcanized rubber products not elsewhere classified; Hard rubber in all forms and products thereof; Porous vulcanized rubber flooring and matting;	27.90.12.110; 23.43.10; 22.19.73	8546200000; 854690100 0	Current density	Calculated rate: -
					Sectional area	Calculated rate: -
					Current	Calculated rate: -
1.187.	GOST R 55187, subclause 9.22; Environmental effect testing; other environmental effect investigation (testing) methods	Electrical insulators; Ceramic electrical insulator; Insulating accessories for electrical equipment and ceramic devices; Other vulcanized rubber products not elsewhere classified; Hard rubber in all forms and products thereof; Porous vulcanized rubber flooring and matting;	27.90.12.110; 23.43.10; 22.19.73	8546200000; 854690100 0	Water resistance	passed/failed -
					Temperature	- 0 °C to 100 °C



§§	Documents establishing rules and methods of investigations (testings) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.187.						
1.188.	GOST R 51155, subclause 5.1.4; Non-destructive testing; exterior inspection and measurements	Electrical connectors, contact clamps, sets of clamps; Cable accessories;	27.33.13.120; 27.33.13. 130	8535900008; 854790000 0	Exterior	compliant/noncompliant -
					Completeness	compliant/noncompliant -
					Marking and branding	compliant/noncompliant -
1.189.	GOST R 51155, subclause 5.2.1; Physical and mechanical; other investigation (testing) methods for determination of physical and mechanical characteristics	Electrical connectors, contact clamps, sets of clamps; Cable accessories;	27.33.13.120; 27.33.13. 130	8535900008; 854790000 0	Strength of the sealing of wires (cables) in connecting and tensioning accessories	passed/failed -

§§	Documents establishing rules and methods of investigations (testings) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.189.					Test load	- 0 kN to 50 kN
1.190.	GOST R 51155, subclause 5.2.4, 5.2.6, 5.2.7; Physical and mechanical; other investigation (testing) methods for determination of physical and mechanical characteristics	Electrical connectors, contact clamps, sets of clamps; Cable accessories;	27.33.13.120; 27.33.13. 130	8535900008; 854790000 0	Mechanical strength	passed/failed -
					Test load	- 0 kN to 500 kN
1.191.	GOST R 51155, subclause 5.3.4 - 5.3.6; Electrophysical investigations (testings); electrophysical investigation (testing) methods without specification	Electrical connectors, contact clamps, sets of clamps; Cable accessories;	27.33.13.120; 27.33.13. 130	8535900008; 854790000 0	Electrical contact relative resistance	Calculated rate: -
					Electrical contact resistance	- $10^{-6} \Omega$ to 199.9 $\Omega$

§§	Documents establishing rules and methods of investigations (testings) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.191.					Test current	- 10 <sup>-4</sup> A to 100 A
1.192.	GOST R 51155, subclause 5.3.8; Electrophysical investigations (testings); electrophysical investigation (testing) methods without specification	Electrical connectors, contact clamps, sets of clamps; Cable accessories;	27.33.13.120; 27.33.13. 130	-	Electrical contact relative resistance	Calculated rate: -
					Electrical contact resistance	- 10 <sup>-6</sup> Ω to 199.9 Ω
1.193.	GOST R 51155, subclause 5.4; Electrophysical investigations (testings); electrophysical investigation (testing) methods without specification	Electrical connectors, contact clamps, sets of clamps; Cable accessories;	27.33.13.120; 27.33.13. 130	8535900008; 854790000 0	Reversal magnetization losses	passed/failed -
					Voltage	- 0 V to 1000 V

§§	Documents establishing rules and methods of investigations (testings) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.193.					Test current	- 50 A to 5000 A
					Power	- 0 kW to 10 kW
1.194.	GOST 2933, subclause 2.1; Non-destructive testing; exterior inspection and measurements	Electrical circuit switching and protection devices for voltages not greater than 1 kV;	27.12.2	8536	Exterior	compliant/noncompliant -
1.195.	GOST 2933, subclause 2.2; Non-destructive testing; exterior inspection and measurements	Electrical circuit switching and protection devices for voltages not greater than 1 kV;	27.12.2	8536	Dimensions	- 0 mm to 15000 mm
					Completeness	compliant/noncompliant -

§§	Documents establishing rules and methods of investigations (testings) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.195.					Marking and branding	compliant/noncompliant -
1.196.	GOST 2933, subclause 2.5; Electrophysical investigations (testings); electrophysical investigation (testing) methods without specification	Electrical circuit switching and protection devices for voltages not greater than 1 kV;	27.12.2	8536	Mass	- 0 kg to 5000 kg
1.197.	GOST 2933, subclause 3; Electrophysical investigations (testings); electrophysical investigation (testing) methods without specification	Electrical circuit switching and protection devices for voltages not greater than 1 kV;	27.12.2	8536	Actuating voltage	Calculated rate: -
					Actuating current	- 0 A to 30 A
1.198.	GOST 2933, subclause 8; Electrophysical investigations (testings); electrophysical investigation (testing) methods without specification	Electrical circuit switching and protection devices for voltages not greater than 1 kV	27.12.2	8536	Communicative properties	passed/failed -

§§	Documents establishing rules and methods of investigations (testings) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.198.					Voltage	- 0 kV to 12 kV
					Current	- 0 A to 100 kA
1.199.	GOST 2933, subclause 9; Electrophysical investigations (testings); electrophysical investigation (testing) methods without specification	Electrical circuit switching and protection devices for voltages not greater than 1 kV;	27.12.2	8536	Through current withstand	passed/failed -
					Current	- 0 A to 100 kA
1.200.	GOST 2933-83, subclause 10; Electrophysical investigations (testings); electrophysical investigation (testing) methods without specification	Electrical circuit switching and protection devices for voltages not greater than 1 kV;	27.12.2	8536	Quantity of cycles	passed/failed -

§§	Documents establishing rules and methods of investigations (testings) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.200.					Switching wear-resistance	passed/failed -
					Mechanical wear-resistance	passed/failed -
					Resistance	- 0 μΩ to 1000 μΩ
1.201.	GOST 2933-83, subclause 4.1; Electrophysical investigations (testings); electrophysical investigation (testing) methods without specification	Electrical circuit switching and protection devices for voltages not greater than 1 kV;	27.12.2	8536	Insulation strength	passed/failed -
					Voltage	- 0 kV to 10 kV

§§	Documents establishing rules and methods of investigations (testings) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.201.					Resistance	- 10 <sup>-6</sup> Ω to 199.9 Ω
1.202.	GOST 2933-83, subclause 4.2; Electrophysical investigations (testings); electrophysical investigation (testing) methods without specification	Electrical circuit switching and protection devices for voltages not greater than 1 kV;	27.12.2	8536	Insulation resistance	- 3*10 <sup>3</sup> Ω to 10 <sup>12</sup> Ω
1.203.	GOST 2933-83, subclause 5; Electrophysical investigations (testings); electrophysical investigation (testing) methods without specification	Electrical circuit switching and protection devices for voltages not greater than 1 kV;	27.12.2	8536	Heating resistance	passed/failed -
					Current	- 100 A to 5000 A
					Temperature rise	Calculated rate: -



§§	Documents establishing rules and methods of investigations (testings) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.203.					Temperature	- 0°C to 300 °C
1.204.	GOST 2933-83, subclauses 6.2- 6.5; Electrophysical investigations (testings); electrophysical investigation (testing) methods without specification	Electrical circuit switching and protection devices for voltages not greater than 1 kV;	27.12.2	8536	Resistance	- 10 <sup>-6</sup> Ω to 199.9 Ω
					Current	- 10 <sup>-4</sup> A to 100 A
1.205.	GOST 2933, subclause 6.6; Electrophysical investigations (testings); electrophysical investigation (testing) methods without specification	Electrical circuit switching and protection devices for voltages not greater than 1 kV;	27.12.2	8536	Power	Calculated rate: -
					Voltage	- 0 V to 1000 V

§§	Documents establishing rules and methods of investigations (testings) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.205.					Current	- 10 <sup>-4</sup> A to 100 A
1.206.	GOST 6815, subclause 6.1; Non-destructive testing; exterior inspection and measurements	Electrical switchgear or protective equipment packages;	27.12.3	853720	Exterior	compliant/noncompliant -
					Dimensions	- 0 mm to 15000 mm
					Completeness	compliant/noncompliant -
					Marking and branding	confirmed/not confirmed -

§§	Documents establishing rules and methods of investigations (testings) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.206.					Mass	- 0 kg to 5000 kg
1.207.	GOST 6815, subclause 6.2; Electrophysical investigations (testings); electrophysical investigation (testing) methods without specification	Electrical switchgear or protective equipment packages;	27.12.3	853720	Mechanical strength	passed/failed -
					Load	- 0 kN to 1 kN
1.208.	GOST 6815, subclause 6.12; Electrophysical investigations (testings); electrophysical investigation (testing) methods without specification	Electrical switchgear or protective equipment packages;	27.12.3	853720	Short-circuit through current withstand	passed/failed -
					Test current	- 0 kA to 100 kA

§§	Documents establishing rules and methods of investigations (testings) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.209.	GOST 31996, subclause 8.3.3; Non-destructive testing; exterior inspection and measurements	Other electrical conductors for voltages not greater than 1 kV; Other electrical conductors for voltages not greater than 1 kV;	27.32.13; 27.32.14	854460	Specific insulation resistance	Calculated rate: -
					Insulation resistance	- 3*10 <sup>3</sup> Ω to 1000*10 Ω
					Dimensions	- 0 mm to 8000 mm
1.210.	GOST 31996, subclause 8.3.4 (AC voltage method); electrophysical investigations (testings); electrophysical investigation (testing) methods; without specification	Other electrical conductors for voltages not greater than 1 kV; Other electrical conductors for voltages not greater than 1 kV	27.32.13; 27.32.14	854460	Insulation strength	passed/failed -
					Alternating current	- 0 kV to 50 kV

§§	Documents establishing rules and methods of investigations (testings) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.211.	GOST R 51321.1-2007 (IEEC 60439-1:2004), subclause 8.2.1; Electrophysical investigations (testings); electrophysical investigation (testing) methods without specification	Electrical switchgear or protective equipment packages; Panels and other electrical switchgear or protective equipment packages for voltages not greater than 1 kV; Panels and other electrical switchgear or protective equipment packages for voltages greater than 1 kV; Switchgears and electrical regulating equipment; Electrical circuit switching and protection devices for voltages greater than 1 kV; Electrical circuit switching and protection devices for voltages not greater than 1 kV; Sections of electrical switchgear or regulating equipment;	27.12.3; 27.12.31; 27.12 .32; 27.12; 27.12.1; 27.1 2.2; 27.12.4	8536; 853610; 853620; 85 3630; 853650; 85367000 0; 853690; 8537	Test current	- 100 A to 5000 A
					Temperature	passed/failed 0 °C to 300 °C
1.212.	GOST R 51321.1-2007 (IEEC 60439-1:2004), subclause 8.2.2; Electrophysical investigation (testing);	Electrical switchgear or protective equipment packages; Panels and other electrical switchgear	27.12.3; 27.12.31; 27.12 .32; 27.12; 27.12.1; 27.1 2.2; 27.12.4	8536; 853610; 853620; 85 3630; 853650; 85367000 0; 853690; 8537	Insulation strength	passed/failed -

§§	Documents establishing rules and methods of investigations (testings) and measurements	Equipment		TN VED EAEU code	Defined parameter	Range
1.212.	investigation (testing) methods without specification	or protective equipment packages for voltages not greater than 1 kV; Panels and other electrical switchgear or protective equipment packages for voltages greater than 1 kV; Switchgears and electrical regulating equipment; Electrical circuit switching and protection devices for voltages greater than 1 kV; Electrical circuit switching and protection devices for voltages not greater than 1 kV; Sections of electrical switchgear or regulating equipment;			Test voltage	- 0 kV to 6 kV
1.213.	GOST R 51321.1-2007 (IEEC 60439-1:2004), subclause 8.2.3; Electrophysical investigations (testings); electrophysical investigation (testing) methods without specification	Electrical switchgear or protective equipment packages; Panels and other electrical switchgear or protective equipment packages for voltages not greater than 1 kV; Panels and other electrical switchgear or protective equipment packages for	27.12.3;27.12.31;27.12.32;27.12;27.12.1;27.12.2;27.12.4	8536;853610;853620;853630;853650;8536700;853690;8537	Short-circuit current withstand	passed/failed -



§§	Documents establishing rules and methods of investigations (testings) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.214.		Electrical circuit switching and protection devices for voltages greater than 1 kV; Electrical circuit switching and protection devices for voltages not greater than 1 kV; Sections of electrical switchgear or regulating equipment;				
1.215.	GOST R 51321.1-2007 (IEEC 60439-1:2004), subclause 8.2.6; Electrophysical investigations (testings); electrophysical investigation (testing) methods without specification	Electrical switchgear or protective equipment packages; Panels and other electrical switchgear or protective equipment packages for voltages not greater than 1 kV; Panels and other electrical switchgear or protective equipment packages for voltages greater than 1 kV; Switchgears and electrical regulating equipment; Electrical circuit switching and protection devices for voltages greater than 1 kV; Electrical circuit switchgear	27.12.3; 27.12.31; 27.12 .32; 27.12; 27.12.1; 27.1 2.2; 27.12.4	8536; 853610; 853620; 85 3630; 853650; 85367000 0; 853690; 8537	Mechanical operability	passed/failed -
					Force	- 0 kN to 1 kN



§§	Documents establishing rules and methods of investigations (testings) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.215.		or protection devices for voltages not greater than 1 kV; Sections of electrical switchgear or regulating equipment;				
1.216.	GOST R 51321.1-2007 (IEEC 60439-1:2004), subclause 8.3.4; Electrophysical investigations (testings); electrophysical investigation (testing) methods without specification	Electrical switchgear or protective equipment packages; Panels and other electrical switchgear or protective equipment packages for voltages not greater than 1 kV; Panels and other electrical switchgear or protective equipment packages for voltages greater than 1 kV; Switchgears and electrical regulating equipment; Electrical circuit switching and protection devices for voltages greater than 1 kV; Electrical circuit switching and protection devices for voltages not greater than 1 kV; Sections of electrical switchgear or	27.12.3; 27.12.31; 27.12 .32; 27.12; 27.12.1; 27.1 2.2; 27.12.4	8536; 853610; 853620; 85 3630; 853650; 85367000 0; 853690; 8537	Insulation resistance	passed/failed 0 $\Omega$ to 10 <sup>12</sup> $\Omega$



§§	Documents establishing rules and methods of investigations (testings) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.217.		electrical transducers; Other inductance coils; Parts of electromotors, generator, and transformers; Switchgears and electrical regulating equipment; Electrical circuit switching and protection devices for voltages greater than 1 kV; Electrical circuit switching and protection devices for voltages not greater than 1 kV; Electrical switchgear or protective equipment packages; Sections of electrical switchgear or regulating equipment; Batteries and accumulators; Primary elements, primary batteries, and their parts; Electrical accumulators and their parts; Fibre optic cables; Fibre optic				

§§	Documents establishing rules and methods of investigations (testings) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.217.		cables; Other electronic and electrical leads and cables; Other electronic and electrical leads and cables; Wiring products; Wiring products; Electrical lighting equipment; Lamps and lighting facilities; other lamps and lighting facilities; Parts of lamps and lighting facilities; Incandescent electrical lamp and gas-discharge lamps; arc lamps; LED light bulbs; Electrical devices; Refrigerators and freezers; washing-machines; electrical blankets; fans; Other electrical devices, not included into other				

§§	Documents establishing rules and methods of investigations (testings) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.217.		groups; Parts of appliances; Nonelectric electrical devices; Nonelectrical household devices for food preparation and heatingparts of furnaces, stones, plate heaters, and similar non-electrical household devices; Other electrical devices; Other electrical devices and its parts; Liquid-crystalline or light-emitting diode indicative plates; sound or light signaling electrical devices; Electrical instruments for soft and hard soldering and brazing, welding, machines and apparatus for surface heat treatment and thermal spraying; Other electrical devices, not included into				

§§	Documents establishing rules and methods of investigations (testings) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.217.		<p>other groups (including electrical magnets; electromagnetic clutches and brakes; electromagnetic lifting grips; electrical particle accelerators; electrical signal generators); Electrical capacitors; Resistors, except heating resistors; Electrical signalling devices, electrical devices for ensuring safety or traffic control on railways, tramlines, motor roads, inland waterways, parking areas, in port facilities or at aerodromes; Parts of electrical capacitors, electrical resistors, rheostats, and potentiometers; Packaged transformer substations; Power circuit-breakers;</p>				

§§	Documents establishing rules and methods of investigations (testings) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.217.		Disconnecting switches and earthing switches, isolating switches and short-circuiting switches; Surge arrester, overvoltage suppressors; Current transformers; Voltage transformers; Capacitors and capacitor units; Metal-enclosed switchgear; Single-end service assembled chambers; Gas-insulated metal-enclosed switchgear ;				
1.218.	RAPM.411218.002RE; Non-destructive testing ; exterior inspection and measurements	Electromotors, generators, and transformers; Electromotors of power not greater than 37.5 W; Other DC electromotors; DC generators; Universal AC and DC electromotors	27.11;27.11.1;27.11.2;27.11.3;27.11.4;27.11.5;27.11.6;27.12;27.12.1;27.12.2;27.12.3;27.12.4;27.20;27.20.1;27.20.2;27.31;27.31.1;27.31.2;27.32.1;27.33;27.33.1;27.40;27.40.2;27.40.3;27.40.4;27.40.1;27.51;27.51.1;27.51.2;27.51.3;27.52;27.52.1;	8536; 8537; 8546	Insulation resistance	- 0 GΩ to 1000 GΩ

§§	Documents establishing rules and methods of investigations (testings) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.218.		of power greater than 37.5 W; Other AC electromotors; AC generators (synchronous generator); Electrical generator installations and rotating convertors; Electrical transformers; Ballast element for gas-discharge lamps or tubes; Static electrical transducers; Other inductance coils; Parts of electromotors, generator, and transformers; Switchgears and electrical regulating equipment; Electrical circuit switching and protection devices for voltages greater than 1 kv; Electrical circuit switching and protection devices for voltages not greater than 1 kv;	27.52.2; 27.90; 27.90.1; 27.90.2; 27.90.3; 27.90. 4; 27.90.5; 27.90.6; 27.90.7; 27.90.8			



§§	Documents establishing rules and methods of investigations (testings) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.218.		Electrical switchgear or protective equipment packages; Sections of electrical switchgear or regulating equipment; Batteries and accumulators; Primary elements, primary batteries, and their parts; Electrical accumulators and their parts; Fibre optic cables; Fibre optic cables; Other electronic and electrical leads and cables; Other electronic and electrical leads and cables; Wiring products; Wiring products; Electrical lighting equipment; Lamps and lighting facilities; other lamps and lighting facilities;				

§§	Documents establishing rules and methods of investigations (testings) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.218.		Parts of lamps and lighting facilities; Incandescent electrical lamp and gas-discharge lamps; arc lamps; LED light bulbs; Electrical devices; Refrigerators and freezers; washing-machines; electrical blankets; fans; Other electrical devicesnot elsewhere classified; Parts of appliances; Nonelectric electrical devices; Nonelectrical household devices for food preparation and heatingparts of furnaces, stones, plate heaters, and similar non-electrical household devices; Other electrical devices; Other electrical devices and its parts;				

§§	Documents establishing rules and methods of investigations (testings) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.218.		Liquid-crystalline or light-emitting diode indicative plates; Sound or light signaling electrical devices; Electrical instruments for soft and hard soldering and brazing, welding, machines and apparatus for surface heat treatment and thermal spraying; Other electrical devices not elsewhere classified (including electrical magnets; electromagnetic clutches and brakes; electromagnetic lifting grips; electrical particle accelerators; electrical signal generators); Electrical capacitors; Resistors, except heating resistors; Electric signaling devices, electric equipment to provide traffic safety and control				

§§	Documents establishing rules and methods of investigations (testings) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.218.		on railways, tramlines, motor roads, inland waterways, parking areas, in port facilities or at aerodromes ; Parts of electrical capacitors, electrical resistors, rheostats, and potentiometers;				
1.219.	GOST R 55025, subclause 8.3.3; Non-destructive testing; exterior inspection and measurements	Other electrical conductors for voltages greater than 1 kV; power cables with plastic and paper insulation for stationary cable laying for voltage greater than 1 kV (through to 35 kV);	27.32.14	854460	Specific insulation resistance	Calculated rate: -
					Insulation resistance	- $3 \cdot 10^3 \Omega$ to $10^{12} \Omega$
					Length	- 0 mm to 8000 mm

§§	Documents establishing rules and methods of investigations (testings) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.219.					Diameter	- 0 mm to 8000 mm
1.220.	GOST R 55025, subclause 8.3.6; Electrophysical investigations (testings); electrophysical investigation (testing) methods without specification	Other electrical conductors for voltages greater than 1 kV; power cables with plastic and paper insulation for stationary cable laying for voltage greater than 1 kV (through to 35 kV);	27.32.14	854460	Insulation strength	passed/failed -
					Test alternating current	- 0 kV to 230 kV
1.221.	GOST R 55025, subclause 8.3.8; Electrophysical investigations (testings); electrophysical investigation (testing) methods without specification	Other electrical conductors for voltages greater than 1 kV; power cables with plastic and paper insulation for stationary cable laying for voltage greater than 1 kV (through to 35 kV);	27.32.14	854460	Dielectric loss angle tangent	- 0.01 % to 100 %

§§	Documents establishing rules and methods of investigations (testings) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.222.	GOST R 55025, subclause 8.3.9; Electrophysical investigations (testings); electrophysical investigation (testing) methods without specification	Other electrical conductors for voltages greater than 1 kV; power cables with plastic and paper insulation for stationary cable laying for voltage greater than 1 kV (through to 35 kV);	27.32.14	854460	Insulation strength	passed/failed -
					Breakdown voltage	- 0 kV to 230 kV
1.223.	GOST 2990, subclauses 4.1, 4.2; Electrophysical investigations (testings); electrophysical investigation (testing) methods without specification	Other electrical conductors for voltages greater than 1 kV ; power cables for stationary cable laying for voltage greater than 1 kV ; Power cables with copper core for voltages greater than 1 kV ; Power cables with aluminium core for voltages greater than 1 kV ; Leads for overhead power transmission lines ; Cables and leads for vehicle rolling stock for voltages greater than 1 kV ; Other electrical conductors for voltages greater than 1 kV, not included into	27.32.14; 27.32.14.110; 27.32.14.111; 27.32.14.112; 27.32.14.120; 27.3 2.14.130; 27.32.14.190; 27.32.14.140		Insulation strength	passed/failed -
					Alternating current	- 0 kV to 230 kV

§§	Documents establishing rules and methods of investigations (testings) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.223.		other groups; High-voltage cables for earth digging, mining and other portable machines and mechanisms;				
1.224.	GOST 3345, clauses 2, 3, 4; Non-destructive testing; exterior inspection and measurements	Other electronic and electrical leads and cables;	27.32.1	854460	Insulation resistance	- 0 GΩ to 1000 GΩ
1.225.	GOST 7229, clauses 4, 5; Electrophysical investigations (testings); electrophysical investigation (testing) methods without specification	Other electronic and electrical leads and cables;	27.32.1	854460	Current force	- 10 <sup>-4</sup> A to 100 A
					Resistance/electrical resistance of power cores and conductors	- 10 <sup>-6</sup> Ω to 199.9 Ω
1.226.	GOST 12179, clauses 3, 4; Electrophysical investigations (testings); electrophysical investigation (testing) methods without specification	Other electronic and electrical leads and cables;	27.32.1	854460	Dielectric loss angle tangent	- 0.01% to 100 %

§§	Documents establishing rules and methods of investigations (testings) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.227.	GOST 15581, subclause 5.2; Environmental effect testing; other environmental effect investigation (testing) methods	Electrical capacitors; Capacitors and capacitor units; Capacitors and capacitor units;	27.90.5	8532	Temperature	- 0°C to 130 °C
					Hermeticity	passed/failed -
1.228.	GOST 15581, subclause 5.3; Electrophysical investigations (testings); electrophysical investigation (testing) methods without specification	Electrical capacitors; Capacitors and capacitor units; Capacitors and capacitor units;	27.90.5	8532	Capacity	- 20 pF to 10 <sup>6</sup> pF
1.229.	GOST 15581, subclauses 5.4, 5.14; Electrophysical investigations (testings); electrophysical investigation (testing) methods without specification	Electrical capacitors; Capacitors and capacitor units; Capacitors and capacitor units;	27.90.5	8532	Alternating current	- 1 kV to 230 kV
					Insulation strength	passed/failed -



§§	Documents establishing rules and methods of investigations (testings) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.230.	GOST 15581, subclause 5.7 Non-destructive testing; exterior inspection and measurements	Electrical capacitors; Capacitors and capacitor units; Capacitors and capacitor units;	27.90.5	8532	Exterior (visually);	compliant/noncompliant -
1.231.	GOST 15581, subclause 5.7 (measuring instrument); Electrophysical investigations (testings); electrophysical investigation (testing) methods without specification	Electrical capacitors; Capacitors and capacitor units; Capacitors and capacitor units;	27.90.5	8532	Dimensions	- 0 mm to 15000 mm
1.232.	GOST 15581, subclause 5.6; Electrophysical investigations (testings); electrophysical investigation (testing) methods without specification	Electrical capacitors; Capacitors and capacitor units; Capacitors and capacitor units;	27.90.5	8532	Dielectric loss angle tangent	- 0.01 % to 100 %
1.233.	GOST 15581, subclause 5.12; Electrophysical investigations (testings); electrophysical investigation (testing) methods without specification	Electrical capacitors; Capacitors and capacitor units; Capacitors and capacitor units;	27.90.5	8532	Capacity	20 pF to 10 <sup>6</sup> pF

§§	Documents establishing rules and methods of investigations (testings) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.234.	GOST 15581, subclauses 5.4, 5.14; Electrophysical investigations (testings); electrophysical investigation (testing) methods without specification	Electrical capacitors; Capacitors and capacitor units; Capacitors and capacitor units;	27.90.5	8532	Voltage between terminals 1-2	1 kV to 230 kV
					Insulation strength	passed/failed -
1.235.	GOST 15581, subclause 5.15; Electrophysical investigations (testings); electrophysical investigation (testing) methods without specification	Electrical capacitors; Capacitors and capacitor units; Capacitors and capacitor units;	27.90.5	8532	Voltage between terminals 2-3	1 kV to 230 kV
					Insulation strength	passed/failed -
1.236.	GOST 15581, subclause 5.16; Non-destructive testing; exterior inspection and measurements	Electrical capacitors; Capacitors and capacitor units; Capacitors and capacitor units;	27.90.5	8532	Mass	- 0 kg to 500 kg

§§	Documents establishing rules and methods of investigations (testings) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.237.	GOST 15581, subclause 5.17; Electrophysical investigations (testings); electrophysical investigation (testing) methods without specification	Electrical capacitors; Capacitors and capacitor units; Capacitors and capacitor units;	27.90.5	8532	Frequency	- 20 Hz to 200000 Hz
					Resonance frequency	compliant/noncompliant -
1.238.	GOST 15581, subclause 5.18; Environmental effect testing; other environmental effect investigation (testing) methods	Electrical capacitors; Capacitors and capacitor units; Capacitors and capacitor units;	27.90.5	8532	Thermal resistance	passed/failed -
					Temperature	- 0°C to 85 °C
1.239.	GOST 15581, subclause 5.19; Environmental effect testing; other environmental effect investigation (testing) methods	Electrical capacitors; Capacitors and capacitor units; Capacitors and capacitor units;	27.90.5	8532	Relative humidity	- 10 % to 98 %

§§	Documents establishing rules and methods of investigations (testings) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.239.					Temperature	- 0°C to 85 °C
					Water proofness	passed/failed -
1.240.	GOST 15581, subclause 5.20; Environmental effect testing; other environmental effect investigation (testing) methods	Electrical capacitors; Capacitors and capacitor units; Capacitors and capacitor units;	27.90.5	8532	Temperature change resistance	passed/failed -
					Temperature	- -60 °C to +85 °C
1.241.	GOST 15581, subclause 5.21; Environmental effect testing; other environmental effect investigation (testing) methods	Electrical capacitors; Capacitors and capacitor units; Capacitors and capacitor units;	27.90.5	8532	Test voltage	- 1 kV to 230 kV

§§	Documents establishing rules and methods of investigations (testings) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.241.					Resistance to frost with its subsequent melting	passed/failed -
					Temperature	- -60 °C to 85 °C
1.242.	GOST 15581, subclause 5.22; Environmental effect testing; other environmental effect investigation (testing) methods	Electrical capacitors; Capacitors and capacitor units; Capacitors and capacitor units;	27.90.5	8532	Temperature	- -60°C to 85 °C
					Cold resistance (Frost resistance to)	passed/failed -
1.243.	GOST 15581, subclause 5.23; Environmental effect testing; other environmental effect investigation (testing) methods	Electrical capacitors; Capacitors and capacitor units; Capacitors and capacitor units;	27.90.5	8532	Mechanical strength at wind load and horizontal tension of connecting leads	passed/failed -

§§	Documents establishing rules and methods of investigations (testings) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.243.					Load	- 0 kN to 10 kN
1.244.	GOST R 55190, subclause 8.3.1; Electrophysical investigations (testings); electrophysical investigation (testing) methods without specification	Switchgears and electrical regulating equipment; Metal-enclosed switchgear;	27.12	8535; 8537	Heating resistance	passed/failed -
					Test current	- 100 A to 12000 A
					Temperature rise	Calculated rate: -
					Temperature	- 0°C to 300 °C

§§	Documents establishing rules and methods of investigations (testings) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.245.	GOST R 55190, subclause 8.3.2.1; Electrophysical investigations (testings); electrophysical investigation (testing) methods without specification	Switchgears and electrical regulating equipment; Metal-enclosed switchgear;	27.12	8535; 8537	Resistance of auxiliary contact of classes 1 and 2	passed/failed 0.000001 $\Omega$ to 1999.9 $\Omega$
					Current	0.0001 A to 100 A
1.246.	GOST R 55190, subclause 8.3.2.2; Electrophysical investigations (testings); electrophysical investigation (testing) methods without specification	Switchgears and electrical regulating equipment; Metal-enclosed switchgear;	27.12	8535; 8537	Resistance of auxiliary contact of class 3	passed/failed 10 <sup>-6</sup> $\Omega$ to 1999.9 $\Omega$ 10 <sup>-4</sup> A to 100 A
					Current	- 10 <sup>-4</sup> A to 100 A
1.247.	GOST R 55190, subclause 8.3.2.3; Electrophysical investigations (testings); electrophysical investigation (testing) methods without specification	Switchgears and electrical regulating equipment; Metal-enclosed switchgear;	27.12	8535; 8537	Rated AC power voltage	- 0 V to 500 V

§§	Documents establishing rules and methods of investigations (testings) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.247.					Rated AC power voltage	- 0 V to 500 V
					Heating resistance	passed/failed -
					Temperature	- 0 °C to 300 °C
1.248.	GOST R 55190, subclause 8.4.5.1; Electrophysical investigations (testings); electrophysical investigation (testing) methods without specification	Switchgears and electrical regulating equipment; Metal-enclosed switchgear;	27.12	8535; 8537	Opening time	- 10 <sup>-4</sup> s to 10 s
					Closing time	10 <sup>-4</sup> s to 10 s



§§	Documents establishing rules and methods of investigations (testings) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.249.	GOST R 55190, subclause 8.4.8; Electrophysical investigations (testings); electrophysical investigation (testing) methods without specification	Switchgears and electrical regulating equipment; Metal-enclosed switchgear;	27.12	8535; 8537	Force	- 0 kN to 1 kN
					Power voltage	- 0 V to 500 V
					Locking device operability	passed/failed -
1.250.	GOST R 55190, subclause 8.4.9; Physical and mechanical; other investigation (testing) methods for determination of physical and mechanical characteristics	Switchgears and electrical regulating equipment; Metal-enclosed switchgear;	27.12	8535; 8537	Force	- 0 kN to 1 kN
					Fixation	passed/failed -

§§	Documents establishing rules and methods of investigations (testings) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.251.	GOST R 55190, subclause 8.4.10; Electrophysical investigations (testings); electrophysical investigation (testing) methods without specification	Switchgears and electrical regulating equipment; Metal-enclosed switchgear;	27.12	8535; 8537	Pressure continuity of sliding earthing contacts	passed/failed 0.02 mm to 0.5 mm
					Current	- 10 <sup>-3</sup> A to 100 A
					Resistance	- 10 <sup>-6</sup> Ω to 1999.9 Ω
					Dimensions	- 0.02 mm to 0.5 mm
1.252.	GOST R 55190, subclauses 8.5.1, 8.5.2, 8.5.5 - 8.5.7, 8.5.9 - 8.5.13; Electrophysical investigations (testings); electrophysical investigation (testing) methods without specification	Switchgears and electrical regulating equipment; Metal-enclosed switchgear;	27.12	8535; 8537	Voltage	- 0 kV to 230 kV

§§	Documents establishing rules and methods of investigations (testings) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.252.					Insulation strength	passed/failed -
1.253.	GOST R 55190, subclause 8.6; Electrophysical investigations (testings); electrophysical investigation (testing) methods without specification	Switchgears and electrical regulating equipment; Metal-enclosed switchgear;	27.12	8535; 8537	Current	- 0 kA to 200 kA
					Short-circuit through current withstand	passed/failed -
1.254.	GOST R 55190, subclause 8.7.4; Physical and mechanical; other investigation (testing) methods for determination of physical and mechanical characteristics	Switchgears and electrical regulating equipment; Metal-enclosed switchgear;	27.12	8535; 8537	Mechanical strength	passed/failed -
					Test force	- 0 kN to 5 kN

§§	Documents establishing rules and methods of investigations (testings) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.255.	GOST R 55190, subclause 8.7.6; Environmental effect testing; other environmental effect investigation (testing) methods	Switchgears and electrical regulating equipment; Metal-enclosed switchgear;	27.12	8535; 8537	Resistance to corrosion	passed/failed -
					Temperature	- 20 °C to 40 °C
					Humidity	- 60 % to 98 %
1.256.	GOST R 55190, subclause 8.9.1; Electrophysical investigations (testings); electrophysical investigation (testing) methods without specification	Switchgears and electrical regulating equipment; Metal-enclosed switchgear;	27.12	8535; 8537	Switching capacity	passed/failed -
					Test voltage	- 0 kV to 35 kV

§§	Documents establishing rules and methods of investigations (testings) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.256.					Test current	- 0 kA to 63 kA
1.257.	GOST R 55190, subclause 8.9.2; Electrophysical investigations (testings); electrophysical investigation (testing) methods without specification	Switchgears and electrical regulating equipment; Metal-enclosed switchgear;	27.12	8535; 8537	Breaking capacity	passed/failed -
					Test current	- 0 A to 3 A
1.258.	GOST R 55190, subclause 8.11; Electrophysical investigations (testings); electrophysical investigation (testing) methods without specification	Switchgears and electrical regulating equipment; Metal-enclosed switchgear;	27.12	8535; 8537	Voltage	- 0 kV to 35 kV
					Arc resistance at internal short-circuit	passed/failed -

§§	Documents establishing rules and methods of investigations (testings) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.258.					Current	- 0 kA to 63 kA
1.259.	GOST 16962.1, subclause 2.14, method 222; Environmental effect testing; other environmental effect investigation (testing) methods	Electromotors, generators, and transformers; Switchgears and electrical regulating equipment; Other electronic and electrical leads and cables; Other electrical devices;	27.11; 27.12; 27.32; 27.9 0	8504; 8535; 8536; 8546	Operability when exposed to glaze-ice	passed/failed -
					Dimensions	- 0 mm to 20 mm
					Temperature	- -20 °C to -7 °C
1.260.	GOST 30630.2.1-2013, clause 4; methods 201-1.1, 201-1.2, 201-2.1.1, 201-2.1.2, 201-2.3.1, 201-2.3.2; Environmental effect testing; other environmental effect investigation (testing) methods	Electromotors, generators, and transformers; Switchgears and electrical regulating equipment; Other electronic and electrical leads and cables;	27.11; 27.12; 27.32; 27.9 0	8504; 8535; 8536; 8546	Temperature resistance	passed/failed -

§§	Documents establishing rules and methods of investigations (testings) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.260.		Other electrical devices;			Temperature	- 0 °C to +155 °C
1.261.	GOST 30630.2.1-2013, clause 5; method 202-1; Environmental effect testing; other environmental effect investigation (testing) methods	Electromotors, generators, and transformers; Switchgears and electrical regulating equipment; Other electronic and electrical leads and cables; Other electrical devices;	27.11; 27.12; 27.32; 27.9 0	8504; 8535; 8536; 8546	Temperature resistance	passed/failed -
					Temperature	- 0°C to +155 °C
1.262.	GOST 30630.2.1-2013, clause 6; methods 203-1,203-2.1, 203- 2.2; Environmental effect testing; other environmental effect investigation (testing) methods	Electromotors, generators, and transformers; Switchgears and electrical regulating equipment; Other electronic and electrical leads and cables; Other electrical devices;	27.11; 27.12; 27.32; 27.9 0	8504; 8535; 8536; 8546	Temperature resistance	passed/failed -
					Temperature	- -70 °C to 0 °C

§§	Documents establishing rules and methods of investigations (testings) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.263.	GOST 30630.2.1-2013, clause 7; method 204-1; Environmental effect testing; other environmental effect investigation (testing) methods	Electromotors, generators, and transformers; Switchgears and electrical regulating equipment; Other electronic and electrical leads and cables; Other electrical devices;	27.11; 27.12; 27.32; 27.90	8504; 8535; 8536; 8546	Temperature resistance	passed/failed
					Temperature	-70°C to 0 °C
1.264.	GOST 30630.2.1-2013, clause 8; methods 205-1.1, 205-2; Environmental effect testing; other environmental effect investigation (testing) methods	Electromotors, generators, and transformers; Switchgears and electrical regulating equipment; Other electronic and electrical leads and cables; Other electrical devices;	27.11; 27.12; 27.32; 27.90	8504; 8535; 8536; 8546	Temperature resistance	passed/failed
					Temperature	-70°C to +155 °C
1.265.	GOST R 51369, clause 4; methods 207-1, 207-2, 207-3, 207-4, 207-5; Environmental effect testing; other methods	Electromotors, generators, and transformers; Switchgear and	27.11; 27.12; 27.32; 27.90	8504; 8535; 8536; 8546	Humidity resistance	passed/failed



§§	Documents establishing rules and methods of investigations (testings) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.265.	of environmental effect investigation (testing)	regulating electrical equipment; Other electronic and electrical leads and cables; Other electrical devices;			Humidity	- 25 % to 100 %
					Temperature	- +20 °C to +60 °C
1.266.	GOST R 51369, clause 5; methods 208-1, 208- 2; Environmental effect testing; other environmental effect investigation (testing) methods	Electromotors, generators, and transformers; Switchgears and electrical regulating equipment; Other electronic and electrical leads and cables; Other electrical devices;	27.11; 27.12; 27.32; 27.9 0		Humidity resistance	passed/failed -
					Humidity	- 25 % to 100 %
					Temperature	- +20 °C to +60 °C

§§	Documents establishing rules and methods of investigations (testings) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.267.	GOST R 51369-99 , clause 7; method 206-1 (Resistance to frost with its subsequent melting); Environmental effect testing; other environmental effect investigation (testing) methods	Electromotors, generators, and transformers; Switchgears and electrical regulating equipment; Other electronic and electrical leads and cables; Other electrical devices;	27.11; 27.12; 27.32; 27.9 0	8504; 8535; 8536; 8546	Resistance to frost with its subsequent melting	passed/failed -
					Temperature	- -70 °C to 0 °C
					Test voltage	- 0 kV to 230 kV
1.268.	GOST R 51369, clause 8; method 222-1 (Operability when exposed to glaze-ice testing); Environmental effect testing; other environmental effect investigation (testing) methods	Electromotors, generators, and transformers; Switchgears and electrical regulating equipment; Other electronic and electrical leads and cables; Other electrical devices;	27.11; 27.12; 27.32; 27.9 0	8504; 8535; 8536; 8546	Operability when exposed to glaze-ice	passed/failed -
					Temperature	- -20°C to -7 °C

§§	Documents establishing rules and methods of investigations (testings) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.268.					Thickness	- 0 mm to 20 mm
1.269.	GOST 6581, subclauses 1.4, 1.5, clause 4; Electrophysical investigations (testings); electrophysical investigation (testing) methods without specification	Electrical insulating oils;	19.20.29.172	2710	Breakdown voltage	- 0 kV to 100 kV
1.270.	GOST 20493, subclauses 8.1, 8.2; Non-destructive testing; exterior inspection and measurements	Electrical insulators; Insulating accessories for electrical machines and equipment; Electrical pipes;	27.90.12	8535900008	Corrosion protection	compliant/noncompliant -
					Operability	compliant/noncompliant -
					Completeness	compliant/noncompliant -

§§	Documents establishing rules and methods of investigations (testings) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.270.					Packing and marking	compliant/noncompliant -
					Surface condition	compliant/noncompliant -
					Accompanying documents	compliant/noncompliant -
					Compliance with the design drawings	compliant/noncompliant -
1.271.	GOST 20493-2001, subclauses 8.4, 8.5, 8.9.5; Electrophysical investigations (testings); electrophysical investigation (testing) methods without specification	Electrical insulators; Insulating accessories for electrical machines and equipment; Electrical pipes;	27.90.12	8535900008	Insulation strength	passed/failed -

§§	Documents establishing rules and methods of investigations (testings) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.271.					Test voltage	- 0 kV to 230 kV
1.272.	GOST 20493, subclauses 8.4, 8.5, 8.10.5; Electrophysical investigations (testings); electrophysical investigation (testing) methods without specification	Electrical insulators; Insulating accessories for electrical machines and equipment; Electrical pipes;	27.90.12	8535900008	Insulation strength of the operating part	passed/failed -
					Test voltage	- 0 kV to 230 kV
1.273.	GOST 20493, subclauses 8.4, 8.5, 8.10.6; Electrophysical investigations (testings); electrophysical investigation (testing) methods without specification	Electrical insulators; Insulating accessories for electrical machines and equipment; Electrical pipes;	27.90.12	8535900008	Insulation strength of the insulation part	passed/failed -
					Test voltage	- 0 to 230 kV

§§	Documents establishing rules and methods of investigations (testings) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.274.	GOST 20493, subclause 8.6; Environmental effect testing; other environmental effect investigation (testing) methods	Electrical insulators; Insulating accessories for electrical machines and equipment; Electrical pipes;	27.90.12	8535900008	Climatic effects resistance	passed/failed
					Temperature	-60 °C to +85 °C
1.275.	GOST 20493-2001, subclauses 8.9.2, 8.8; Electrophysical investigations (testings); electrophysical investigation (testing) methods without specification	Electrical insulators; Insulating accessories for electrical machines and equipment; Electrical pipes;	27.90.12	8535900008	Charger insulation resistance	$3 \cdot 10^3 \Omega$ to $10^{12} \Omega$
1.276.	GOST 20493-2001, subclauses 8.9.2, 8.10.3; Electrophysical investigations (testings); electrophysical investigation (testing) methods without specification	Electrical insulators; Insulating accessories for electrical machines and equipment; Electrical pipes;	27.90.12	8535900008	indicator health	passed/failed
					Display voltage	0 kV to 100 kV

§§	Documents establishing rules and methods of investigations (testings) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.277.	GOST 20493-2001, subclauses 8.10.8, 8.10.9; Physical and mechanical; other investigation (testing) methods for determination of physical and mechanical characteristics	Electrical insulators; Insulating accessories for electrical machines and equipment; Electrical pipes;	27.90.12	8535900008	Bending strength	passed/failed -
					Test length	- 0 cm to 500 cm
					Bending deflection	- 0 cm to 100 cm
1.278.	IEC 60137(2017), subclause 8.8; Electrophysical investigations (testings); electrophysical investigation (testing) methods without specification	Ceramic electrical insulator; Insulating accessories for electrical equipment and ceramic devices; Electrical insulators; Other vulcanized rubber products not elsewhere classified; Hard rubber in all forms and products thereof; Porous vulcanized rubber flooring and matting;	23.43.10; 27.90.12.110; 22.19.73	8546200000; 854690100 0	Heating resistance	passed/failed -
					Current	- 50 A to 12000 A

§§	Documents establishing rules and methods of investigations (testings) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.278.					Temperature rise	Calculated rate: -
					Temperature	- 0°C to 300 °C
					Ambient temperature	- 0°C to 300 °C
1.279.	IEC 60137(2017), subclause 8.9; Electrophysical investigations (testings); electrophysical investigation (testing) methods without specification	Ceramic electrical insulator; Insulating accessories for electrical equipment and ceramic devices; Electrical insulators; Other vulcanized rubber products not elsewhere classified; Hard rubber in all forms and products thereof; Porous vulcanized rubber flooring and matting;	23.43.10; 27.90.12.110; 22.19.73	8546200000; 854690100 0	Resistance to short-time current	passed/failed -
					Short-time current	- 0 kA to 200 kA



§§	Documents establishing rules and methods of investigations (testings) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.279.						
1.280.	IEC 60137(2017), subclause 8.10; Physical and mechanical; other investigation (testing) methods for determination of physical and mechanical characteristics	Ceramic electrical insulator; Insulating accessories for electrical equipment and ceramic devices; Electrical insulators; Other vulcanized rubber products not elsewhere classified; Hard rubber in all forms and products thereof; Porous vulcanized rubber flooring and matting;	23.43.10; 27.90.12.110; 22.19.73	8546200000; 8546901000	Mechanical strength	passed/failed -
					Withstand cantilever load	- 0 kN to 10 kN
1.281.	IEC 60137(2017), subclause 8.14; Non-destructive testing; exterior inspection and measurements	Ceramic electrical insulator; insulating accessories for electrical equipment and ceramic devices; Electrical insulators; Other vulcanized rubber products not elsewhere classified; Hard	23.43.10; 27.90.12.110; 22.19.73	8546200000; 854690100 0	Exterior	compliant/noncompliant -

§§	Documents establishing rules and methods of investigations (testings) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.281.		rubber in all forms and products thereof; Porous vulcanized rubber flooring and matting;			Mass	- 0 kg to 5000 kg
					Dimensions	- 0 mm to 15000 mm
1.282.	IEC 60137(2017), subclause 9.2; Electrophysical investigations (testings); electrophysical investigation (testing) methods without specification	Ceramic electrical insulator; Insulating accessories for electrical equipment and ceramic devices; Electrical insulators; Other vulcanized rubber products not elsewhere classified; Hard rubber in all forms and products thereof; Porous vulcanized rubber flooring and matting;	23.43.10; 27.90.12.110; 22.19.73	8546200000; 854690100 0	Capacity	- 20 to 10 <sup>6</sup> pF
					Dielectric loss angle tangent	- 0.01% to 100 %

§§	Documents establishing rules and methods of investigations (testings) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.283.	GOST R ISO 3746, Appendix A; Physical and mechanical; physical and mechanical measurement of geometrical parameters (length, angle)	Electrical transformers;	27.11.4	8504210000; 850422100 0; 8504229000; 8504230 00; 850431; 850432000; 8 50433000; 8504340000	Length	- 0 m to 50 m
					Width	- 0 m to 50 m
					Hight	- 0 m to 15 m
					Dimensions	- 0 mm to 10000 mm
1.284.	IEC 61869-1:2007, subclause 7.2.7.1; Non-destructive testing; exterior inspection and measurements	Electrical transformers;	27.11.4	850431; 8504320002	Dimensions	- 0 mm to 15000 mm

§§	Documents establishing rules and methods of investigations (testings) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.284.					Completeness	compliant/noncompliant -
					Mass	- 0 kg to 5000 kg
					Protective coating condition	passed/failed -
					Surface condition	passed/failed -
1.285.	EC 61869-1:2007, subclause 7.2.7.1; Environmental effect testing; other environmental effect investigation (testing) methods	Electrical transformers;	27.11.4	850431; 8504320002	Protection from access to hazardous parts of equipment designated by the first characteristic digit	- 0 to 4

§§	Documents establishing rules and methods of investigations (testings) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.286.	IEC 61869-1:2007, subclauses 7.3.1, 7.3.3, 7.3.4; Electrophysical investigations (testings); electrophysical investigation (testing) methods without specification	Electrical transformers;	27.11.4	850431; 8504320002	Insulation strength	passed/failed -
					Alternating current / Voltage	- 0 kV to 230 kV
1.287.	IEC 61869-1:2007, subclause 7.4.3; Electrophysical investigations (testings); electrophysical investigation (testing) methods without specification	Electrical transformers;	27.11.4	850431; 8504320002	Capacity	- 0 pF to 10 pF
					Dielectric loss angle tangent	- 0.01 % to 100 %
1.288.	IEC 61869-1:2007, subclause 7.4.5; Environmental effect testing; other environmental effect investigation (testing) methods	Electrical transformers;	27.11.4	850431; 8504320002	Mechanical loading	- 0 kN to 50 kN

§§	Documents establishing rules and methods of investigations (testings) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.289.	GOST IEC 60044-1, subclause 9.2; Electrophysical investigations (testings); electrophysical investigation (testing) methods without specification	Other transformers of power not greater than 16 kVA; Electrical transformers; Liquid-filled transformer; Other transformers of power greater than 16 kVA; Current transformers;	27.11.42; 27.11.4; 27.11 .41; 27.11.43	850431; 850432000	Capacity	- 20 to 10 <sup>6</sup> pF
					Dielectric loss angle tangent	- 0.01% to 100 %
1.290.	GOST IEC 60044-1, subclause 9.3; Physical and mechanical; other investigation (testing) methods for determination of physical and mechanical characteristics	Other transformers of power not greater than 16 kVA; Electrical transformers; Liquid-filled transformer; Other transformers of power greater than 16 kVA; Current transformers;	27.11.42; 27.11.4; 27.11 .41; 27.11.43	850431; 850432000	Mechanical strength	passed/failed -
					Test load	- 0 kN to 10 kN
1.291.	IEC 61869-2(2012), subclause 7.3.1; Electrophysical investigations (testings); electrophysical investigation (testing) methods without specification	Electrical transformers; Liquid-filled transformer; Other transformers of power not greater than 16 kVA; Other transformers of power greater than 16 kVA; Current transformers;	27.11.4; 27.11.41; 27.11 .42; 27.11.43	8504320002	Insulation strength	passed/failed -

§§	Documents establishing rules and methods of investigations (testings) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.291.					Withstand power-frequency voltage	- 0 kV to 230 kV
1.292.	IEC 61869-2(2012), subclause 7.4.3; Electrophysical investigations (testings); electrophysical investigation (testing) methods without specification	Electrical transformers; Liquid-filled transformer; Other transformers of power not greater than 16 kVA; Other transformers of power greater than 16 kVA; Current transformers;	27.11.4; 27.11.41; 27.11 .42; 27.11.43	8504320002	Capacity	- 20 pF to 10 <sup>6</sup> pF
					Dielectric loss angle tangent	- 0.01 % to 100 %
1.293.	IEC 61869-2(2012), subclauses 7.2.6, 7.3.5; Electrophysical investigations (testings); electrophysical investigation (testing) methods without specification	Electrical transformers; Liquid-filled transformer; Other transformers of power not greater than 16 kVA; Other transformers of power greater than 16 kVA; Current transformers;	27.11.4; 27.11.41; 27.11 .42; 27.11.43	8504320002	Relative current error	- 0.01 % to 100 %
					Absolute angular error	- -600 min to +600 min

§§	Documents establishing rules and methods of investigations (testings) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.294.	IEC 61869-2(2012), subclause 7.3.203; Electrophysical investigations (testings); electrophysical investigation (testing) methods without specification	Electrical transformers; Liquid-filled transformer; Other transformers of power not greater than 16 kVA; Other transformers of power greater than 16 kVA; Current transformers;	27.11.4; 27.11.41; 27.11.42; 27.11.43	8504320002	Exciting current /saturation current	compliant/noncompliant 0 A to 100 A
					Exciting voltage/saturation voltage	compliant/noncompliant 0 V to 2000 V
1.295.	IEC 61869-2(2012), subclause 7.2.2; Electrophysical investigations (testings); electrophysical investigation (testing) methods without specification	Electrical transformers; Liquid-filled transformer; Other transformers of power not greater than 16 kVA; Other transformers of power greater than 16 kVA; Current transformers;	27.11.4; 27.11.41; 27.11.42; 27.11.43	8504320002	Temperature rise	passed/failed -
					Temperature	- 0 °C to 300 °C
					Ambient temperature	- 0 °C to 300 °C



§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.296.	IEC 61869-2(2012), subclause 7.2.201 (Resistance to rated short-term dynamic current/dynamic withstand); Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Electricaltransformers; Liquid-filled transformers; Other transformers of power not greater than 16 kVA Other transformers of power greater than16 kVA; Current transformers;	27.11.4; 27.11.41; 27.11.42; 27.11.43	8504320002	Test current	passed/failed 0 kA to 200 kA
1.297.	IEC 61869-2(2012), subclause 7.2.201 (Resistance to rated short-time thermal current/thermal resistance); Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Electricaltransformers; Liquid-filled transformers; Other transformers of power not greater than 16 kVA; Other transformers of power greater than16 kVA; Current transformers;	27.11.4; 27.11.41; 27.11.42; 27.11.43	8504320002	Test current	passed/failed 0 kA to 50 kA
1.298.	IEC 61869-3(2011), ed.1 subclause 7.3.1; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Electricaltransformers; Voltage transformers	27.11.4	850431; 8504320002	Insulation strength	passed/failed -

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.298.					Withstand power-frequency voltage	- 0 kV to 230 kV
1.299.	IEC 61869-3(2011), ed.1 subclauses 7.2.6, 7.3.5; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Electricaltransformers; Voltage transformers	27.11.4	850431; 850430002	Vector group	compliant/noncompliant -
					Angle error (voltage phase angle error)	- -600 min to +600 min
					Voltage scale transformation coefficient error/relative voltage error	- 0.01 % to 100 %
1.300.	IEC 61869-3(2011), ed.1 subclause 7.4.3; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Electricaltransformers; Voltage transformers	27.11.4	850431; 8504320002	DiElectricalloss angle tangent	- 0.01 % to 100 %

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.301.	GOST R 55191-2012, clauses 5, 8; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Electromotors, generators and transformers; Electrical switchgear or regulating equipment Other electronic and Electrical leads and cables; Other electrical equipment;	27.11; 27.12; 27.32; 27.90	8501; 8504; 8535	Partial discharge generation and extinction voltage	- 0 kV to 230 kV
					Partial discharge at rated test voltage	- 1 pC to 10000 pC
1.302.	GOST R 55716, subclause 6.4; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	AC high-voltage circuit-breakers, contactors and reversers (high-voltage power circuit-breakers); AC high-voltage disconnecting switches, short-circuiting switches, isolating switches, earthing switches;	27.12.10.110; 27.12.10.120	8535	Resistance of main circuit	- 1*10 <sup>-6</sup> Ωm to 1999.9 Ωm
					Resistance of auxiliary contacts class 1	- 1*10 <sup>-6</sup> Ωm to 1999.9 Ωm
					Resistance of auxiliary contacts class 2	- 1*10 <sup>-6</sup> Ωm to 1999.9 Ωm

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.302.					Resistance of auxiliary contacts class 3	- 1*10 <sup>-6</sup> to 1999.9 Ωm
1.303.	GOST R 55716, subclause 6.6; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	AC high-voltage circuit-breakers, contactors and reversers (high-voltage power circuit-breakers); AC high-voltage disconnecting switches, short-circuiting switches, isolating switches, earthing switches;	27.12.10.110; 27.12.10.120	8535	Short-term withstand current and peak withstand current	passed/failed -
					Current	- 0 kA to 200 kA
1.304.	GOST 2213-79, subclause 7.1; Non-destructive testing; exterior inspection and measurements	High-voltage fuses;	27.12.10.140	853610	Protective coating condition	compliant/noncompliant -
					Overall, setting and connecting dimensions	- 0 mm to 10000 mm

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.304.					Fuse mass	- 0.05 to 500 kg
1.305.	GOST 2213, subclause 7.5 (by amperemeter and voltmeter); Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	High-voltage fuses;	27.12.10.140	853610	Electrical resistance of replaceable element	Calculated rate: -
					Direct voltage	- 0 V to 100 V
					Direct current	- 0.0001 A to 100 A
1.306.	GOST 2213, subclause 7.5; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	High-voltage fuses;	27.12.10.140	853610	Heat resistance	passed/failed -

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.306.					Temperature	- 0 °C to 300 °C
					Ambient temperature	- 0 °C to 300 °C
					Single-phase AC(50±5) Hz	- 100 A to 12000 A
					Temperature rise	Calculated rate: -
1.307.	Pressure force measurement tool SMR-1, subclause 5.2; Non-destructive testing; other non-destructive testing methods	Electrical switchgear or regulating equipment	27.12	8537; 8535	Pressure force	- 50 N to 500 N

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.308.	GOST 19264, subclause 7.4; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Electrical switchgear to control electrotechnical installations, except for electromagnetic contactors and actuators, control and protective relays;	27.33.13.160	850590	Insulation resistance	- 3*10 <sup>3</sup> Ωm to 1000*10 <sup>9</sup> Ωm
1.309.	GOST 19264-82 , subclause 7.5; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Electrical switchgear to control electrotechnical installations, except for electromagnetic contactors and actuators, control and protective relays;	27.33.13.160	850590	Electrical insulation strength/insulation strength	passed/failed -
					Voltage	- 100 V to 6000 V
1.310.	GOST 19264, subclause 7.6; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Electrical switchgear to control electrotechnical installations, except for electromagnetic contactors and actuators, control and protective relays;	27.33.13.160	850590	Electrical DC resistance/DC resistance	- 10 <sup>-6</sup> Ωm to 9990 Ωm
					Current	- 10 <sup>-4</sup> A to 100 A

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.311.	GOST 19264, subclause 7.7; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Electrical switchgear to control electrotechnical installations, except for electromagnetic contactors and actuators, control and protective relays;	27.33.13.160	850590	Consumed power	- 0 kW to 100 kW
					Current	- 0 A to 100 A
1.312.	GOST IEC 61439-1, subclause 10.2.7; Non-destructive testing; exterior inspection and measurements	Electrical switchgear or regulating equipment; Electrical circuit switchgear or protection devices for voltages greater than 1 kV; Electrical circuit switchgear or protection devices for voltages not greater than 1 kV; Electrical switchgear or protective equipment packages; Sections of electrical	27.12; 27.12.1; 27.12.2; 27.12.3; 27.12.4	8536; 8537	Mark permanency	passed/failed -
					Time	- 0 s to 60 s



§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.313.	GOST IEC 61439-1-2013, subclause 10.9; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Electrical switchgear or regulating equipment; Electrical circuit switchgear or protection devices for voltages greater than 1 kV; Electrical circuit switchgear or protection devices for voltages not greater than 1 kV; Electrical switchgear or protective equipment packages; Sections of electrical switchgear or regulating	27.12; 27.12.1; 27.12.2; 27.12.3; 27.12.4	8536; 8537	Withstand power-frequency voltage	- 0 kV to 10 kV
					Impulse withstand voltage	- 0 kV to 20 kV
					Electrical insulation properties/insulation strength	passed/failed -
1.314.	GOST IEC 61439-1, subclause 10.10; Thermotechnical tests; temperature measurement	Electrical switchgear or regulating equipment; Electrical circuit switchgear or protection devices for voltages greater than 1 kV; Electrical circuit switchgear or protection devices for voltages not greater than 1 kV	27.12; 27.12.1; 27.12.2; 27.12.3; 27.12.4	8536; 8537	Temperature rise	passed/failed -
					Temperature	- 0 °C to 300 °C

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.314.		Electrical switchgear or protective equipment packages; Sections of electrical switchgear or regulating			Ambient temperature	- 0 °C to 300 °C
1.315.	GOST IEC 61439-1, subclause 10.11; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Electrical switchgear or regulating equipment; Electrical circuit switchgear or protection devices for voltages greater than 1 kV; Electrical circuit switchgear or protection devices for voltages <del>not greater than 1 kV</del>	27.12; 27.12.1; 27.12.2; 27.12.3; 27.12.4	8536; 8537	Resistance to short-circuit current	passed/failed -
					Current	- 0 kA to 150 kA
1.316.	GOST IEC 61439-1-2013, subclause 10.13; Reliability, service-life testing; Other reliability, service-life investigation (testing) methods	Electrical switchgear or regulating equipment; Electrical circuit switchgear or protection devices for voltages greater than 1 kV	27.12; 27.12.1; 27.12.2; 27.12.3; 27.12.4	8536; 8537	Operability of mechanical parts	passed/failed -

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.316.		Electrical circuit switchgear or protection devices for voltages not greater than 1 kV; Electrical switchgear or protective equipment packages; Sections of electrical switchgear or regulating			Cycles	100 cycles to 300 cycles
					Force	0 kN to 1 kN
1.317.	GOST 17441, subclause 2.6; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Plug connectors, plug-in circuits and other circuit switchgear or protection device, not elsewhere classified; Plug connectors and plug-in circuits; Electrical connectors, contact clamps, sets of clamps; Cable accessories; Electromagnetic contactors; Electromagnetic starters; Electrical switchgear to control electrotechnical installations, except for electromagnetic contactors and actuators, control and protective relays;	27.33.13; 27.33.13.110; 27.33.13.120; 27.33.13.130; 27.33.13.140; 27.3 3.13.150; 27.33.13.160; 27.33.13.161; 27.33.13.162; 27.33.13.163; 27.3 3.13.164; 27.33.13.165; 27.33.13.169; 27.33.13.190	8504; 8535; 8536	Current	0.001 A to 100 A
					Electrical resistance	10 <sup>-6</sup> Ωm to 1999.9 Ωm

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.317.		Accumulator switches, master controllers, drum switches, hand-operated starters, different switches; Control buttons, button control stations, stations, switchgears; Electromagnetic couplings, electromagnets, electromagnetic taps, coils, blocks, locks, electromagnetic keys; Magnetic amplifiers and controlled throttles; Semi-conductor logical elements; Other electrical switchgear to control electrotechnical installations, not elsewhere classified; Other Electricalcircuit switchgear or protection devices,				

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.317.		not elsewhere classified				
1.318.	Multifunction balance GX-A and GF-A, subclause 5.1; Non-destructive testing; other non-destructive testing methods	Electrical switchgear or regulating equipment; Electrical circuit switchgear or protection devices for voltages greater than 1 kV; Electrical switchgear or protective equipment packages; Sections of electrical switchgear or regulating equipment; Other electronic and Electrical leads and cables; Other electronic and	27.12; 27.12.1; 27.12.2; 27.12.3; 27.12.4; 27.32; 27.32.1; 27.90; 27.90.1; 27.90.2; 27.90.3; 27.90.4; 27.90.5; 27.90.6; 27.90.7; 27.90.8		Mass	0.02 g to 122 g

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.318.	and its section; Liquid-crystalline or light-emitting diode indicative plates; sound or light signaling electrical equipment; Electrical instruments for soldering and brazing, welding, machines and apparatus for surface heat treatment and thermal spraying; Other electrical equipment, not elsewhere classified (including electrical magnets; electromagnetic couplings and brakes; electromagnetic lifting clamps; electrical particle accelerators; electrical signal generators); Electrical capacitors; Resistors except for heat resistors; Electrical equipment to provide traffic safety					

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.318		and control on railways, tramlines, motor roads, inland waterways, parking areas, in port facilities or at aerodromes; Parts of electrical capacitors, electrical resistors, rheostats, and potentiometers;				
1.319.	Crane suspended balance VSK-A, clause 3; Non-destructive testing; exterior inspection and measurements	Electromotors, generators and transformers; Electrical switchgear or regulating equipment; Other electronic and Electrical leads and cables; Other electrical equipment;	27.11; 27.12; 27.32; 27.90	8504; 8535; 8536; 8546	Mass	- 4 kg to 500 kg
1.320.	VR41.00.000 RE, subclause 2.4.1; Electrophysical investigation (testing); Electrophysical investigation (testing)	Distilled water;	20.13.52.120		Specific conductance	- 0 µs/cm to 2000 µs/cm

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.320.	without specification					
1.321.	KBSP 427634.051-1 RE, clause 2; Non-destructive testing; exterior inspection and measurements	Glass Electricalinsulators ; Ceramic Electricalinsulators; Insulating accessories for electrical equipment and ceramic devices; Electrical insulators;	23.19.25; 23.43.10; 27.90.12.110	8546100000; 8546200000	Protective coating thickness	- 0 μ to 5000 μ
1.322.	IEC 60060-1(2010), ed. 3.0 clauses 4, 6; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Electromotors, generators and transformers; Electrical switchgear or regulating equipment; Other electronic and Electricalleads and cables; Other electrical equipment;	27.11; 27.12; 27.32; 27.90	8504; 8535; 8536; 8546	Insulation strength	passed/failed -
					AC voltage	- 0 kV to 230 kV



§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.323.	GOST IEC 60898-1, subclause 9.3; Environmental effect testing; cleaning solvent test	AC high-voltage circuit-breakers, contactors and reversers (high-voltage power circuit-breakers);	27.12.10.110	8535	Mark permanency	passed/failed -
1.324.	GOST IEC 60898-1, subclause 9.4; Physical and mechanical measurement of mechanical quantities	AC high-voltage circuit-breakers, contactors and reversers (high-voltage power circuit-breakers);	27.12.10.110	8535	Reliability of screws, current-conducting parts and connections	passed/failed -
					Torque moment	- 0 N*m to 100 N*m
					Force	- 0 N to 500 N
1.325.	GOST IEC 60898-1, subclause 9.5; Physical and mechanical measurement of mechanical quantities	AC high-voltage circuit-breakers, contactors and reversers (high-voltage power circuit-breakers);	27.12.10.110	8535	Reliability of threaded terminals for external copper conductors	passed/failed -

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.325.					Torque moment	- 0 N*m to 100 N*m
					Force	- 0 N to 500 N
1.326.	GOST IEC 60898-1, subclause 9.6; Other environmental effect investigation (testing) methods	AC high-voltage circuit-breakers, contactors and reversers (high-voltage power circuit-breakers);	27.12.10.110	8535	Electricalshock protection	passed/failed -
					Force	- 0 N to 100 N
					Tension moment	- 40 V to 100 V

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.327.	GOST IEC 60898-1, subclause 9.7.2; Other investigations (testing); Investigation (testing) methods without specification	AC high-voltage circuit-breakers, contactors and reversers (high-voltage power circuit-breakers);	27.12.10.110	8535	Insulation resistance	- 10 <sup>-11</sup> GΩm to 300 GΩm
1.328.	GOST IEC 60898-1, subclause 9.11; Reliability, service-life testing; Other reliability, service-life test methods	AC high-voltage circuit-breakers, contactors and reversers (high-voltage power circuit-breakers);	27.12.10.110	8535	Switching wear-resistance	passed/failed
					Test current	- 0 kA to 100 kA
					Voltage	- 0 kV to 1 kV
1.329.	GOST IEC 60898-1, subclause 9.12 (Short-circuit current withstand); Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	AC high-voltage circuit-breakers, contactors and reversers (high-voltage power circuit-breakers);	27.12.10.110	8535	Resistance to short-circuit current	passed/failed

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.329.					Current	- 0 kA to 250 kA
1.330.	GOST IEC 60898-1, subclause 9.12 (Switching capacity); Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	AC high-voltage circuit-breakers, contactors and reversers (high-voltage power circuit-breakers);	27.12.10.110	8535	Switching capacity	passed/failed -
					Current	- 0 kA to 50 kA
1.331.	GOST IEC 60898-1, subclause 9.14; Environmental effect testing; elevated operating environmental temperature testing	AC high-voltage circuit-breakers, contactors and reversers (high-voltage power circuit-breakers);	27.12.10.110	8535	Temperature resistance	passed/failed -
					Temperature	- 0 °C to +155 °C

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.332.	GOST IEC 60898-1, subclause 9.7.3; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	AC high-voltage circuit-breakers, contactors and reversers (high-voltage power circuit-breakers);	27.12.10.110	8535	Insulation strength	passed/failed -
					Voltage	- 100 V to 6000 V
1.333.	GOST IEC 60898-1, subclause 9.7.4 (Insulation resistance); Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	AC high-voltage circuit-breakers, contactors and reversers (high-voltage power circuit-breakers);	27.12.10.110	8535	Insulation resistance	passed/failed -
1.334.	GOST IEC 60898-1, subclause 9.7.4 (Insulation strength of auxiliary circuits); Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	AC high-voltage circuit-breakers, contactors and reversers (high-voltage power circuit-breakers);	27.12.10.110	8535	Insulation strength	passed/failed -
					Voltage	- 100 V to 6000 V

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.335.	GOST IEC 60898-1, subclause 9.7.5 (Impulse voltage); Electrophysical investigation (testing); electrophysical investigation(testing) methods without specification	AC high-voltage circuit-breakers, contactors and reversers (high-voltage power circuit-breakers);	27.12.10.110	8535	Insulation resistance	passed/failed
					Impulse withstand voltage	- 0.33 kV to 20 kV
1.336.	GOST IEC 60898-1, subclause 9.8; Thermotechnical tests; temperature measurement	AC high-voltage circuit-breakers, contactors and reversers (high-voltage power circuit-breakers);	27.12.10.110	8535	Test current	- 0 kA to 10 kA
					Power supply voltage	- 0.0001 V to 1000 V
					AC current	- 1 A to 10000 A

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.336.					Power losses	Calculated rate: -
					Ambient temperature	- -40 °C to 300 °C
					Temperature of parts	- -40 °C to 300 °C
1.337.	GOST IEC 60898-1, subclause 9.9; Reliability, service-life testing; Other reliability, service-life test methods	AC high-voltage circuit-breakers, contactors and reversers (high-voltage power circuit-breakers);	27.12.10.110	8535	Operability	passed/failed -
					Test current	- 0 A to 10000A

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.337.					Cycles	- 0 cycles to 30 cycles
1.338.	GOST IEC 60898-1, subclause 9.10; Other investigations (testing); Investigation (testing) methods without specification	AC high-voltage circuit-breakers, contactors and reversers (high-voltage power circuit-breakers);	27.12.10.110	8535	Opening time/time interval	- 0.0001 s to 1000 s
					Current/Conventional tripping current	- 1 A to 10000 A
1.339.	GOST 30630.1.2, subclause 4.3; method 102-1; Environmental effect testing; Other environmental effect investigation (testing) methods	Electromotors, generators and transformers; Electromotors of power not greater than 37,5 W; Other AC electromotors; AC generators; Multipurpose AC and DC electromotors of power greater than 37,5 W; Other AC electromotors	27.11; 27.11.1; 27.11.2; 27.11.3; 27.11.4; 27.11.5; 27.11.6; 27.12; 27.12.1; 27.12.2; 27.12.3; 27.12.4; 27.32; 27.32.1; 27.90; 27.90.1; 27.90.2; 27.90.3; 27.90.4; 27.90.5; 27.90.6; 27.90.7; 27.90.8		Resistance to sinusoidal vibration	passed/failed -
					Acceleration	- 1.5 m/s <sup>2</sup> to 400 m/s <sup>2</sup>



§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.339.	AC generators (synchronous generators); Electrical generator units and rotary converters; Electrical transformers; Ballast elements for gas-discharge lamps or tubes; static Electrical converters; other inductance coils; Sections of electromotors, generators and transformers; Electrical switchgear or regulating equipment; Electrical circuit switchgear or protection devices for voltages greater than 1 kV; Electrical circuit switchgear or protection devices for voltages not greater than 1 kV; Electrical switchgear or protective equipment packages;				Frequency	- 5 Hz to 600 Hz
					Dimensions	- 0 mm to 6 mm

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.339.		Sections of electrical switchgear or regulating equipment; Other electronic and Electrical leads and cables; Other electronic and Electrical leads and cables; Other electrical equipment; Other electrical equipment and its sections; Liquid-crystalline or light-emitting diode indicative plates; sound or light signaling electrical equipment; Electrical instruments for soldering and brazing, welding, machines and apparatus for surface heat treatment and thermal spraying; Other electrical equipment, not elsewhere classified (including electromagnets; electromagnetic couplings and brakes; electromagnetic lifting clamps				

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.339.		electrical particle accelerators; electrical signal generators); Electrical capacitors; Resistors except for heat resistors; Electrical signaling devices, Electrical equipment to provide traffic safety and control on railways, tramlines, motor roads, inland waterways, parking areas, in port facilities or at aerodromes; Parts of electrical capacitors, electrical resistors, rheostats, and potentiometers;				
1.340.	GOST 30630.1.2-99, subclause 5.4; method 103-1.1; environmental effect testing; Other environmental effect investigation (testing) methods	Electromotors, generators and transformers; Electromotors of power not greater than 37.5 W; Other AC electromotors	27.11; 27.11.1; 27.11.2; 27.11.3; 27.11.4; 27.11.5; 27.11.6; 27.12; 7.12; 27.12.1; 27.12.2; 27.12.3; 27.12.4; 27.32; 27.32.1; 27.90; 27.90.1; 27.90.2; 27.90.3;		Resistance to sinusoidal vibration	passed/failed -

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.340.		Multipurpose AC and DC electromotors of power greater than 37.5 W; Other AC electromotors; AC generators (synchronous generators); Electrical generator units and rotary convertors; Electrical transformers; Ballast elements for gas-discharge lamps or tubes; static Electrical converters; other inductance coils; Sections of electromotors, generators and transformers; Electrical switchgear or regulating equipment; Electrical circuit switchgear or protection devices for voltages greater than 1 kV	27.90.4; 27.90.5; 27.90.6; 27.90.7; 27.90.8		Acceleration	- 1.5 m/s <sup>2</sup> to 400 m/s <sup>2</sup>
					Frequency	- 5 Hz to 600 Hz
					Dimensions	- 0 mm to 6 mm

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.340.		<p>Electrical circuit switchgear or protection devices for voltages not greater than 1 kV;</p> <p>Electrical switchgear or protective equipment packages;</p> <p>Sections of electrical switchgear or regulating equipment; Other electronic and</p> <p>Electrical leads and cables;</p> <p>Other electronic and</p> <p>Electrical leads and cables;</p> <p>Other electrical equipment;</p> <p>Other electrical equipment and its sections;</p> <p>Liquid-crystalline or light-emitting diode indicative plates; sound or light signaling electrical equipment;</p> <p>Electrical instruments for soldering and brazing, welding, machines and apparatus for surface heat treatment and thermal spraying;</p>				

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.340.		Other electrical equipment, not elsewhere classified (including electromagnets; electromagnetic couplings and brakes; electromagnetic lifting clamps; electrical particle accelerators; electrical signal generators); Electrical capacitors; Resistors except for heat resistors; Electrical signaling devices, Electrical equipment to provide traffic safety and control on railways, tramlines, motor roads, inland waterways, parking areas, in port facilities or at aerodromes; Parts of electrical capacitors, electrical resistors, rheostats, and potentiometers;				



§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.341.		Electrical switchgear or regulating equipment; Electrical circuit switchgear or protection devices for voltages greater than 1 kV; Electrical circuit switchgear or protection devices for voltages not greater than 1 kV; Electrical switchgear or protective equipment packages; Sections of electrical switchgear or regulating equipment; Other electronic and Electrical leads and cables; Other electronic and Electrical leads and cables; Other electrical equipment; Other electrical equipment and its sections; Liquid-crystalline or light-emitting diode indicative plates; sound or light signaling electrical equipment	27.40.3; 27.40.4; 27.40.1; 28.12; 28.12.1; 28.12.2; 28.14; 28.14.1; 28.14.2; 28.15; 28.15.1; 28.15.2; 28.15.3; 29.31; 29.31.1; 29.31.2; 29.31.3; 29.32; 29.32.1; 29.32.2; 29.32.3			



§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.341.		Electricalinstruments for soldering and brazing, welding, machines and apparatus for surface heat treatment and thermal spraying; Other electrical equipment, not elsewhere classified (including electromagnets; electromagnetic couplings brakes; electromagnetic lifting clamps; electrical particle accelerators; electrical signal generators); Electrical capacitors; Resistors except for heat resistors; Electricalsignaling devices, Electricalequipment to provide traffic safety and control on railways, tramlines, motor roads, inland waterways, parking areas, in port facilities or at aerodromes;				

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.341.		Parts of electrical capacitors, electrical resistors, rheostats, and potentiometers; Metal structures and their sections; Metal assembled buildings; Metal structures and their sections; Other metal reservoirs, tanks and similar vessels; Other metal reservoirs, tanks and similar vessels; Weapon and munitions; Weapon and munitions and their sections; Ferrous-metal drums and similar vessels; Ferrous-metal drums and similar vessels; Light-weight metal packs; Light-weight metal packs; Other end metal products, not elsewhere classified; Metal products for bathroom and kitchen; Other metal products;				

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.341.		Electronic components; Electronic vacuum or gas-filled lamps and tubes with thermocathode, cold cathode, photo cathode, including electron-ray tubes; Diodes and transistors; Electronic integrated circuits; Sections of electronic lamps and tubes and other electronic components, not elsewhere classified; Loaded printed boards; Loaded printed boards; Sound and video boards, network and similar boards for automatic data processing machines; Cards with embedded integrated circuits (smart-cards); Computers and peripheral equipment; Computers, their sections and accessories; Storage devices and other data storage devices				

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.341.		Other automatic data processing machines; Blocks, sections and accessories of computers; Communication equipment; Switchgear, Radio or TV transmitting equipment; TV cameras; Terminal (user) equipment for telephone or telegraph communication; Switchgear parts and accessories; Antennas and antenna reflectors of all types and their sections; sections of radio or TV transmitting equipment and TV cameras; Security or fire alarm devices and similar equipment; Sections of security or fire alarm devices and similar equipment;				

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.341.		<p>Appliances</p> <p>Broadcast radio receivers;</p> <p>Television receivers , wether or not combined with broadcast radio receivers or apparatus for recording or reproducing sound or images;</p> <p>Equipment for recording and reproducing sound and images;</p> <p>Microphones,</p> <p>loudspeakers, receiving equipment for radiotelephone or radiotelegraph communication; Sections of sound and video equipment, game consoles used with television receiver or fitted by built-in screen and other commercial and gambling games with electronic display;</p> <p>Measurement, testing and navigation equipment;</p> <p>Navigation,</p>				

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.341.		meteorological, geophysical and similar equipment; Radar, radio navigation and radio remote control equipment; Precision balance; instruments for drawing, calculations, instruments for measuring linear dimensionsetc.; Instruments for measuring electrical quantities or ionazing radiation; Instruments for monitoring other physical quantities; Other instruments and devices for measurement, control and testing; Thermostats, pressure stabilizers and other devices and equipment for automatic regualtion or control; Sections of measurement, testing and navigation equipment; Magnetic and optical storage media; Magnetic and optical storage media;				

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.341.		Batteries and accumulators; Primary elements, primary batteries, and their parts; Electrical accumulators and their sections; Fiber-optic cables; Fiber-optic cables; Wiring products; Wiring products; Electrical lighting equipment; Lamps and lighting facilities; Other lamps and lighting facilities; Sections of lamps and lighting equipment; Incandescent Electric lamp and gas-discharge lamps; LED lamps; Hydraulic and pneumatic power equipment; Hydraulic and pneumatic power equipment;				

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.341.		<p>Sections of hydraulic and pneumatic power equipment;  Pipeline accessories (accessories) (taps, valves and others);  Pipeline accessories (accessories) (taps, valves and others) for pipelines, vessels, boilers, cisterns and similar containers; Parts and nodes of accessories (taps, valves and others);  Bearings, wheel gears, trains of gears and actuating members;  Ball or roller bearings;  Other bearings, wheel gears, trains of gears and actuating members;  Sections of bearings, trains of gears and actuating members;  Electrical and electronic equipment for motor vehicles;  Ignition system wiring packages and other packages used in ground,</p>				



§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.341.		air or water vehicles; Other electrical equipment for vehicles and its sections; Sections of other electrical equipment for vehicles and motorcycles; other components and accessories for motor vehicles; Seats for vehicles; safety belts, safety bags, their sections and body accesories; components and accessories for motor vehicles , not elsewhere classified				
1.342.	GOST 30630.1.2-99, subclause 5.10; method 103-2.1; environmental effect testing; Other environmental effect investigation (testing) methods	Electromotors, generators and transformers; Electromotors of power not greater than 37,5 W; Other AC electromotors	27.11; 27.11.1; 27.11.2; 27.11.3; 27.11.4; 27.11.5; 27.11.6; 27.12; 27.12.1; 27.12.2; 27.12.3; 27.12.4; 27.32; 27.32.1; 27.90; 27.90.1; 27.90.2; 27.90.3;		Resistance to sinusoidal vibration	passed/failed -



§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.342.		kV; Electricalcircuit switchgear or protection devices for voltages not greater than 1 kV; Electrical switchgear or protective equipment packages; Sections of electrical switchgear or regulating equipment; Other electronic and Electricalleads and cables; Other electronic and Electricalleads and cables; Other electrical equipment; Other electrical equipment and its sections; Liquid-crystalline or light-emitting diode indicative plates; sound or light signaling electrical equipment; Electricalinstruments for soldering and brazing, welding, machines and apparatus for surface heat treatment and thermal spraying;	29.32.2; 29.32.3			

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.342.		Other electrical equipment, not elsewhere classified (including electromagnets; electromagnetic brakes and taps; electromagnetic lifting clamps; electrical particle accelerators; electrical signal generators); Electrical capacitors; Resistors except for heat resistors; Electrical signaling devices, Electrical equipment to provide traffic safety and control on railways, tramlines, motor roads, inland waterways, parking areas, in port facilities or at aerodromes; Parts of electrical capacitors, electrical resistors, rheostats, and potentiometers; Metal structures and their sections;				

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.342.		Metal assembled buildings; Metal structures and their sections; Other metal reservoirs, tanks and similar vessels; Other metal reservoirs, tanks and similar vessels; Weapon and munitions; Weapon and munitions and their sections; Ferrous-metal drums and similar vessels; Ferrous-metal drums and similar vessels; Light-weight metal packs; Light-weight metal packs; Other end metal products, not elsewhere classified; Metal products for kitchen and bathroom; Other metal products; Electronic components; Electronic vacuum or gas-filled lamps and tubes with thermocathode, cold cathode, photo cathode, including electron-ray tubes;				

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.342.		Diodes and transistors; Electronic integrated circuits; Sections of electronic lamps and tubes and other electronic components, not elsewhere classified; Loaded printed boards; Loaded printed boards; Sound and video boards, network and similar boards for automatic data processing machines; Cards with embedded integrated circuits (smart-cards); Computers and peripheral equipment; Computers, their sections and accessories; Storage devices and other data storage devices; Other automatic data processing machines; Blocks, sections and accessories of computers; communication equipment;				

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.342.		Switchgear, radio or TV transmitting equipment; TV cameras; Terminal (user) equipment for telephone or telegraph communication Switchgear parts and accessories; Antennas and antenna reflectors of all types and their sections; sections of radio or TV transmitting equipment and TV cameras; Security or fire alarm devices and similar equipment; Sections of security or fire alarm devices and similar equipment; Appliances Broadcast radio receivers; TV receivers, whether or not combined with				

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.342.		broadcast radio receiver or equipment for recording or reproducing sound or images; Equipment for recording and reproducing sound and images; Microphones, loudspeakers, receiving equipment for radiotelephone or radiotelegraph communication; Sections of sound and video equipment, game consoles used with television receiver or fitted by built-in screen and other commercial and gambling games with electronic display; Measurement, testing and navigation equipment; Navigation equipment, meteorological, geophysical and similar equipment; Remote control radar, radio navigation and radio equipment;				



§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.342.		Precision balance; instruments for drawing, calculations, instruments for measuring linear dimensionsu t.subclause; Instruments for measuring electrical quantities or ionazing radiation; Instruments for monitoring other physical quantities; Other instruments and devices for measurement, control and testing; Thermostats, pressure stabilizers and other devices and equipment for automatic regualtion or control; Sections of measurement, testing and navigation equipment; Magnetic and optical storage media; Magnetic and optical storage media; Batteries and accumulators; Primary elements, primary batteries, and their parts; Electricalaccumulatorsand their sections; Fiber-optic cables;				

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.342.		Fiber-optic cables; Wiring products ; Wiring products; Electrical lighting equipment; Lamps and lighting facilities; Other lamps and lighting facilities; Sections of lamps and lighting equipment; Incandescent Electricallamp and gas-discharge lamps; LED lamps; Hydraulic and pneumatic power equipment; Hydraulic and pneumatic power equipment; Sections of hydraulic and pneumatic power equipment; Pipeline accessories (accessories) (taps, valves and others); Accessories (taps, valves and others)				

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.342.		for pipelines, vessels, boilers, cisterns and similar containers; Parts and nodes of accessories (taps, valves and others); Bearings, wheel gears, trains of gears and actuating members; Ball or roller bearings; Other bearings, wheel gears, trains of gears and actuating members; Sections of bearings, trains of gears and actuating members; Electrical and electronic equipment for motor vehicles; Ignition system wiring packages and other packages used in ground, air or water vehicles; Other electrical equipment for vehicles and its sections; Sections of other electrical equipment for vehicles and motorcycles;				

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.342.		Other components and accessories for motor vehicles; Seats for vehicles; safety belts, safety bags, their sections and body accessories; components and accessories for motor vehicles , not elsewhere classified				
1.342.	GOST 34204, subclause 7.10; Safety testing. Fire and explosion safety testing; Other fire and explosion investigation (testing) methods				Explosion safety	passed/failed -
					Voltage	- 0 kV to 12 kV

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.343.					Current	- 0 kA to 10 kA
1.344.	GOST 34204, subclause 7.15; Safety testing. Fire and explosion safety testing; Other fire and explosion investigation (testing) methods	Electrical switchgear or regulating equipment	27.12		Fire safety	passed/failed -
					Voltage	- 0 kV to 12 kV
					Current	- 0 kA to 10 kA
1.345.	GOST 11828-86, clause 2, 3; Electrophysical investigations (testing) (испытания); electrophysical investigation (testing) methods without specification	Electromotors, generators and transformers; Electromotors of power not greater than 37,5 W; Other AC electromotors; AC generators	27.11; 27.11.1; 27.11.2; 27.11.3; 27.11.4; 27.11.5; 27.11.6	8501	Insulation resistance	- $10^{-6} \Omega m$ to 1999.9 $\Omega m$

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.345.		Multipurpose AC and DC electromotors of power greater than 37,5 W; Other AC electromotors; AC generators (synchronous generators); Electrical generator units and rotary convertors; Electrical transformers; Ballast elements for gas-discharge lamps or tubes; static Electrical converters; other inductance coils; Sections of electromotors,			Current	- 10 A to 100 A
1.346.	GOST 11828-86, clause 2, 4; electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Electromotors, generators and transformers; Electromotors of power not greater than 37,5 W; Other DC electromotors;	27.11; 27.11.1; 27.11.2; 27.11.3; 27.11.4; 27.11.5; 27.11.6	8501	Rotation frequency	passed/failed 10 rpm to 3000 rpm

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.346.		AC generators; Multipurpose AC and DC electromotors of power greater than 37,5 W; Other AC electromotors; AC generators (synchronous generators); Electrical generator units and rotary convertors; Electrical transformers; Ballast elements for gas-discharge lamps or tubes; static Electrical converters; other inductance coils; Sections of electromotors, generators and transformers				
1.347.	GOST 11828-86, clause 2, 6; Electrophysical investigation (testing); electrophysical investigation (testing) methods	Electromotors, generators and transformers; Electromotors of power not greater than 37,5 W;	27.11; 27.11.1; 27.11.2; 27.11.3; 27.11.4; 27.11.5; 27.11.6	8501	Voltage	- 50 V to 5000 V

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.347.	without specification	AC electromotors; AC generators; Multipurpose AC and DC electromotors of power greater than 37,5 W; Other AC electromotors; AC generators (synchronous generators); Electrical generator units and rotary conventors; Electricaltransformers; Ballast elements for gas-discharge lamps or tubes; static Electricalconverters; other inductance coils; Sections of electromotors, generators and transformers;			Insulation resistance	- 3*10 <sup>3</sup> Ωm to 1000*10 <sup>9</sup> Ωm



§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.348.	GOST 11828-86, clause 2, 7; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Electromotors, generators and transformers; Electromotors of power not greater than 37,5 W; Other DC electromotors, DC generators; Multipurpose AC and DC electromotors of power greater than 37,5 W; Other AC electromotors; Other AC electromotors; AC generators (synchronous generators); Electrical generator units and rotary converters; Electrical transformers; Ballast elements for gas-discharge lamps or tubes; static Electrical converters; other inductance coils; Sections of electromotors, generators and transformers; AC generators  Ballast elements for gas-discharge lamps or tubes; static Electrical converters; other inductance coils; Sections of electromotors, generators and transformers;	8501	27.11;27.11.1;27.11.2;27.11.3;27.11.4;27.11.5;27.11.6	Insulation strength Voltage	passed/failed
					Voltage	- 0 kV to 150 kV

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.348.						
1.349.	GOST 11828-86, clause 2, 8; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Electromotors, generators and transformers; Electromotors of power not greater than 37,5 W; Other DC electromotors, DC generators; Multipurpose AC and DC electromotors of power greater than 37,5 W; Other AC electromotors; AC generators (synchronous generators); Electrical generator units and rotary convertors ; Electrical transformers; Ballast elements for gas-discharge lamps or tubes; static	27.11; 27.11.1; 27.11.2; 27.11.3; 27.11.4; 27.11.5; 27.11.6	8501	Intersection insulation strength at power-frequency voltage	passed/failed -

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.349.		electric converters; other inductance coils; Sections of electromotors, generators and transformers;				
1.350.	GOST 11828-86, clause 2, 9; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Electromotors, generators and transformers; Electromotors of power not greater than 37,5 W; Other DC electromotors; DC generators; Multipurpose AC and DC electromotors of power greater than 37,5 W; Other AC electromotors; AC generators (synchronous generators); Electrical generator units and rotary convertors; Electrical transformers; Ballast elements for	27.11; 27.11.1; 27.11.2; 27.11.3; 27.11.4; 27.11.5; 27.11.6	8501	Temperature  DC electrical resistance  Ambient temperature	- 0 °C to +300 °C  - 10 <sup>-6</sup> Ωm to 1999.9 Ωm  - 40 °C to +85 °C

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.350.		gas-discharge lamps or tubes; static Electrical converters; other inductance coils; Sections of electromotors, generators and transformers;				
1.351.	GOST 11828-86, clause 2,10; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Electromotors, generators and transformers; Electromotors of power not greater than 37,5 W; Other DC electromotors; DC; Multipurpose AC and DC electromotors of power greater than 37,5 W; Other AC electromotors; AC generators (synchronous generators); Electrical generator units and rotary	27.11;27.11.1;27.11.2;27.11.3;27.11.4;27.11.5;27.11.6	8501	Temperature	- 0 to +300 °C
					Frequency	- 3 Hz to 400 Hz
					Rotation frequency	- 100 rpm to 30000 rpm

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.351.		Ballast elements for gas-discharge lamps or tubes; static Electricalconverters; other inductance coils; Sections of electromotors, generators and transformers;				
1.352.	GOST 17717-79 , subclause 7.1.1; Non-destructive testing; exterior inspection and measurements	AC high-voltage circuit-breakers, contactors and reversers (high-voltage power circuit-breakers); Power circuit-breakers;	27.12.10.110	8535	Compliance with assembly drawing	compliant/noncompliant -
1.353.	GOST 17717-79, subclause 7.1.2 (dimensions); Non-destructive testing; exterior inspection and measurements	AC high-voltage circuit-breakers, contactors and reversers (high-voltage power circuit-breakers); Power circuit-breakers;	27.12.10.110	8535	Overall dimensions/setting dimensions/connecting dimensions	compliant/noncompliant 0 mm to 15000 mm
1.354.	GOST 17717-79, subclause 7.1.2(Mass); Non-destructive testing; exterior inspection and measurements	AC high-voltage circuit-breakers, contactors and reversers (high-voltage power circuit-breakers);	27.12.10.110		Mass	compliant/noncompliant 0 kg to 5000 kg

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.354.		Power circuit-breakers;				
1.355.	GOST 17717, subclause 7.4.1.2; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	AC high-voltage circuit-breakers, contactors and reversers (high-voltage power circuit-breakers); Power circuit-breakers;	27.12.10.110	8535	Useful current of control electromagnets	0 A to 1000 A
1.356.	GOST 17717, subclause 7.4.2.1; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	AC high-voltage circuit-breakers, contactors and reversers (high-voltage power circuit-breakers); Power circuit-breakers;	27.12.10.110	8535	Proper time/closing time/opening time	$10^{-7}$ s to 10 s
					Voltage	0 V to 500 V
1.357.	GOST 17717-79, subclause 7.4.3.2; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	AC high-voltage circuit-breakers, contactors and reversers (high-voltage power circuit-breakers); Power circuit-breakers;	27.12.10.110	8535	Electrical resistance	0 $\mu\Omega$ m to 1000 $\mu\Omega$ m

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.358.	GOST 17717-79, subclause 7.4.2.1; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	AC high-voltage circuit-breakers, contactors and reversers (high-voltage power circuit-breakers); Power circuit-breakers;	27.12.10.110	8535	Rate/Closing rate/Opening rate	Calculated rate: -
					Time	- -10 <sup>-7</sup> s to 10 s
					Displacement	Calculated rate: - 0 mm to 900 mm
1.359.	GOST 17717-79 , subclause 7.4.3; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	AC high-voltage circuit-breakers, contactors and reversers (high-voltage power circuit-breakers); Power circuit-breakers;	27.12.10.110	8535	Mechanical wear-resistance	passed/failed -
1.360.	GOST 17717-79 , subclause 7.5; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	AC high-voltage circuit-breakers, contactors and reversers (high-voltage power circuit-breakers); Power circuit-breakers;	27.12.10.110	8535	Short-circuit through current withstand	passed/failed -

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.360.					Current	- 0 kA to 200 kA
1.361.	GOST 17717-79 , subclause 7.7; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	AC high-voltage circuit-breakers, contactors and reversers (high-voltage power circuit-breakers); Power circuit-breakers;	27.12.10.110	8535	Switching capacity	passed/failed -
					Voltage	- 0 kV to 12 kV
					Current	- 0 kA to 100 kA
1.362.	GOST 17717-79 , subclause 7.8.1; Reliability, service-life testing; Other reliability service-life test methods	AC high-voltage circuit-breakers, contactors and reversers (high-voltage power circuit-breakers); Power circuit-breakers;	27.12.10.110	8535	Mechanical durability	passed/failed -



§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.362.					Cycles (operation life)	- 0 cycles to 100000 cycles
1.363.	IEC 60076-1(2011), subclause 11.2; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Electrical transformers; Power transformers;	27.11.4	8504210000; 8504221000; 8504229000; 850423000; 850431; 850432000; 850433000; 8504340000	Temperature	- 0 °C to 300 °C
					Time	- 0 s to 86399 s
					Direct current	- 0.1 mA to 10000 mA
					DC winding resistance	- $2 \cdot 10^{-4} \Omega\text{m}$ to $2 \cdot 10^5 \Omega\text{m}$

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.364.	IEC 60076-1(2011), Appendix E; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Electrical transformers; Power transformers;	27.11.4	8504210000; 8504221000; 8504229000; 850423000; 850431; 850432000; 850433000; 8504340000	Current	- 0.0001 A to 100A
					Temperature	- 0 °C to 300 °C
					DC winding resistance	- 0.0001 Ωm to 100000 Ωm
					Losses	- 0 kV to 40 kV
1.365.	IEC 62271-1-2017 ed. 2.1, subclause 7.4.3; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Electrical switchgear or regulating equipment	27.12	8504; 8535; 8536; 8546	Insulation strength at short-term power-frequency voltage	passed/failed -

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.365.					Test voltage	- 0 kV to 230 kV
1.366.	IEC 62271-1-2017 ed. 2.1, subclause 7.4.3; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Electrical switchgear or regulating equipment	27.12	8504; 8535; 8536; 8546	Electrical continuity of metal earthing contacts	passed/failed -
					Test current	- 0.0001 A to 100A
					Voltage drop	- 0 V to 100 V
1.367.	IEC 62271-1-2017 ed. 2.1, subclause 7.4.4; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Electrical switchgear or regulating equipment	27.12	8504; 8535; 8536; 8546	Contact and connection resistance of the main circuit	- $1 \cdot 10^{-6} \Omega\text{m}$ to 1999.9 $\Omega\text{m}$

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.367.					Voltage drop	- 0 V to 100 V
1.368.	IEC 62271-1-2017 ed. 2.1, subclause 7.5; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Electrical switchgear or regulating equipment	27.12	8504; 8535; 8536; 8546	Calculated rate: temperature rise Test object temperature	- 0 °C to 300 °C
					Ambient temperature	- 0 °C to 300 °C
1.369.	IEC 62271-1-2017 ed. 2.1, subclause 7.6; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Electrical switchgear or regulating equipment	27.12	8504; 8535; 8536; 8546	Resistance to short-circuit current	passed/failed -
					Current	- 0 kA to 50 kA

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.369.					Voltage	- 0 kV to 100 kV
1.370.	IEC 62271-1-2017 ed. 2.1, subclause 7.10.5; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Electrical switchgear or regulating equipment	27.12	8504; 8535; 8536; 8546	Insulation strength of auxiliary and contro circuits	passed/failed -
					Test voltage	- 100 V to 6000 V
1.371.	IEC 62271-100 ed. 2.1, subclauses 7.102, 7.103, 7.104, 7.105, 7.106, 7.107, 7.108, 7.109, 7.110, 7.111; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Electrical switchgear or regulating equipment	27.12	8504; 8535; 8536; 8546	Switching capacity	passed/failed -
					Current	- 0 kA to 100 kA

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.371.					Voltage	- 0 kV to 1 kV
1.372.	IEC 60076-3(2013) , clause 10; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Electrical transformers;	27.11.4	850431; 850432000; 850433000; 8504340000; 8504210000; 8504221000; 8504229000; 850423000	Power-frequency voltage	- 0 kV to 230 kV
					Insulation strength /Short-time AC applied voltage/PKPN	passed/failed -
1.373.	IEC 60076-3(2013) , clause 12; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Electrical transformers;	27.11.4	850431; 850432000; 850433000; 8504340000; 8504210000; 8504221000; 8504229000; 850423000	Power-frequency voltage	- 0 kV to 230 kV
					Insulation strength/insulation relative to ground of linear terminals of transformer winding with partial neutral insulation/electrical resistance of linear terminal under	passed/failed -

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.373.					short-time alternating voltage/LKPN	
1.374.	IEC 60076-3(2013) , clause 14; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Electrical transformers;	27.11.4	850431; 850432000; 850433000; 8504340000; 8504210000; 8504221000; 8504229000; 850423000	Resistance to dynamic short-circuit/short-circuit strength/short-circuit current withstand	passed/failed -
					Thermal resistance to short-circuit/short-circuit thermal resistance	passed/failed -
					Test dynamic current/test current	- 0 kA to 200 kA
1.375.	IEC/IEEE 62271-37-013 ed. 2.0, subclause 7.6; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Electrical switchgear or regulating equipment	27.12	8537	Short-circuit current withstand	passed/failed -

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.375.					Current	- 0 kA to 50 kA
					Voltage	- 0 kV to 100 kV
1.376.	IEC/IEEE 62271-37-013 ed. 2.0, subclauses 7.103, 7.104, 7.105; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Electrical switchgear or regulating equipment	27.12	8537	Switching capacity	passed/failed -
					Current	- 0 kA to 50 kA
					Voltage	- 0 kV to 100 kV



§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.377.	IEC 60076-5(2006) , clause 4; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Electrical transformers;	27.11.4	8504210000; 8504221000; 8504229000; 850423000; 850431; 850432000; 850433000; 8504340000	Resistance to dynamic short-circuit/short-circuit strength/short-circuit current withstand	passed/failed -
					Thermal resistance to short-circuit/short-circuit thermal resistance	passed/failed -
					Test dynamic current/test current	- 0 kA to 200 kA
1.378.	IEC 60214-1(2014), subclause 7.2.3; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Electrical switchgear or regulating equipment	27.12	8535	Short-circuit current withstand	passed/failed -
					Current	- 0 kA to 250 kA

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.379.	IEC 60076-11 ed. 2.0, subclause 14.4.4; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Electrical transformers (general-purpose dry transformer, including autotransformers; auxiliary station transformers; and transformers for packaged transformer substations (PTS) for voltage classes through to 35 kV );	27.11.4	8504210000; 8504221000; 8504229000; 850423000; 850431; 850432000; 850433000; 8504340000	Power-frequency voltage	- 0 kV to 230 kV
					AC current	- 0 A to 6000A
					Direct current	- 0.0001 A to 100A
					Temperature	- -60 °C to +75 °C
					Partial discharge/partial discharge	1 pC to 10000 pC

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.379.					Thermal resistance/resistance to shock thermal load	passed/failed -
1.380.	IEC 62271-101 ed. 3.0, subclauses 7.102, 7.104, 7.107, 7.108.2, 7.109, 7.110, 7.111; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Electrical switchgear or regulating equipment	27.12	8537	Switching capacity	passed/failed -
					Current	- 0 kA to 50 kA
					Voltage	- 0 kV to 220 kV
1.381.	GOST R 54828, subclause 8.6; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Electrical switchgear or regulating equipment; Electrical circuit switchgear or protection devices for voltages greater than 1 kV; Electric circuit switchgear or protection devices for voltages not greater than 1 kV or protection devices for voltages not greater than 1 kV;	27.12; 27.12.1; 27.12.2; 27.12.3; 27.12.4	8537	Short-circuit current withstand	passed/failed -

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.381.		Electrical switchgear or protective equipment packages; Sections of electrical switchgear or regulating equipment			Current	- 0 kA to 250 kA
1.382.	GOST R 54828, subclause 8.8.1; Non-destructive testing; Non-destructive testing by penetrant. Leak detection, mass-spectrometric method	Electrical switchgear or regulating equipment; Electrical circuit switchgear or protection devices for voltages greater than 1 kV; Electrical circuit switchgear or protection devices for voltages not greater than 1 kV; Electrical switchgear or protective equipment packages; Sections of electrical switchgear or regulating equipment;	27.12; 27.12.1; 27.12.2; 27.12.3; 27.12.4	8537	Hermeticity	passed/failed -
					Gas leak	0 %/day to 0.0274 % day

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.383.	GOST R 54828, subclause 8.9.1; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Electrical switchgear or regulating equipment; Electrical circuit switchgear or protection devices for voltages greater than 1 kV; Electrical circuit switchgear or protection devices for voltages not greater than 1 kV; Electrical switchgear or protective equipment packages; Sections of electrical switchgear or regulating equipment	27.12; 27.12.1; 27.12.2; 27.12.3; 27.12.4	8537	Radio interference	passed/failed 10 dB to 1000 dB
1.384.	GOST R 54828, subclause 8.10.3; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Electrical switchgear or regulating equipment; Electrical circuit switchgear or protection devices for voltages greater than 1 kV; Electrical circuit switchgear or protection devices for voltages not greater than 1 kV; Electrical switchgear or protective equipment packages;	27.12; 27.12.1; 27.12.2; 27.12.3; 27.12.4		Continuity of earthed metal parts	passed/failed -
					Test current	- 0 A to 100 A

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.384.		Sections of electrical switchgear or regulating equipment;				
1.385.	GOST R 54828, subclause 812; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Electrical switchgear or regulating Electrical switchgear or regulating equipment; Electrical circuit switchgear or protection devices for voltages greater than 1 kV; Electrical circuit switchgear or protection devices for voltages not greater than 1 kV; Electrical switchgear or protective equipment packages; Sections of electrical switchgear or regulating equipment	27.12; 27.12.1; 27.12.2; 27.12.3; 27.12.4	8537	Switching capacity способность	passed/failed -
					Current	- 0 kA to 50 kA
					Voltage	- 0 kV to 100 kV
1.386.	GOST R 52287, 6.4.9; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Electrical insulators; Insulating accessories for electrical machines and equipment; Insulating electric pipes ;	27.90.12.110; 27.90.12.120; 27.90.12.130	853590000	Test current	passed/failed 0 kA to 12 kA

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.387.		Plastic electrically insulating accessories;	27.33.14	853590000	Short-circuit current withstand	passed/failed -
					Current	- 0 kA to 200 kA
1.388.	GOST 34839, subclauses 9.3.1, 9.3.2; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Plastic electrically insulating accessories;	27.33.14	853590000	Insulation strength	passed/failed -
					Power-frequency voltage	- 0 kV to 230 kV
					DC voltage	- 0 kV to 70 kV

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.389.	GOST R IEC 60068-2-1, clauses 4, 5, 6, 8; Environmental effect testing; other environmental effect investigation (testing) methods	Metal structures and their sections; Other metal reservoirs, tanks and similar vessels; Weapon and munitions; Ferrous-metal drums and similar vessels; Light-weight metal packs; Other end metal products, not elsewhere classified; Electronic components; Loaded printed boards; Computers and peripheral equipment; Communication equipment; Appliances; Measurement, testing and navigation equipment; Magnetic and optical storage media; Electromotors, generators and transformers; Electrical switchgear or regulating equipment; Batteries and accumulators;	25.11; 25.29; 25.40; 25.91; 25.92; 25.99; 26.11; 26.12; 26.20; 26.30; 26.40; 26.51; 26.80; 27.11; 27.12; 27.20; 27.31; 27.32; 27.33; 27.40; 27.90; 28.12; 28.13; 28.14; 28.15; 29.10; 29.31; 29.32	8504; 8535; 8536; 8546	Temperature resistance	passed/failed
					Temperature	-70 °C to 155 °C



§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.389.		Fiber-optic cables; Other electronic and electrical leads and cables; Wiring products; Electrical lighting equipment; Other electrical equipment; Hydraulic and pneumatic power equipment; Other pumps and compressors; Pipeline accessories (accessories) (taps, valves and others); Bearings, wheel gears, trains of gears and actuating members; Motor vehicles; Electrical and electronic equipment for motor vehicles; other components and accessories for motor vehicles;				

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.390.	GOST R IEC 60068-2-2, clauses 4, 5, 6, 8; Environmental effect testing; Other environmental effect investigation (testing) methods	Metal structures and their sections; Weapon and munitions; Light-weight metal packs; Electronic components; Computers and peripheral equipment; Appliances; Magnetic and optical storage media; Electrical switchgear or regulating equipment; Fiber-optic cables; Wiring products; Other electrical equipment; Other pumps and compressors; Other pumps and compressors; Bearings, wheel gears, trains of gears and actuating members; Electrical and electronic equipment for motor vehicles; Other metal reservoirs, tanks and similar vessels; ferrous-metal drums and similar vessels;	25.11; 25.40; 25.92; 26.11; 26.20; 26.40; 26.80; 27.12; 27.31; 27.33; 27.90; 28.13; 28.15; 29.31; 29.29; 25.91; 25.99; 26.12; 26.30; 26.51; 27.11; 27.20; 27.32; 27.40; 28.12; 28.14; 29.10; 29.32	8535; 8546; 8504; 8536	Temperature resistance	passed/failed -
					Temperature	- -70 °C to 155 °C

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.390.		metal products, not elsewhere classified; Loaded printed boards; Communication equipment; Measurement, testing and navigation equipment; Electromotors, generators and transformers; Batteries and accumulators; Other electronic and Electrical leads and cables; Electrical lighting equipment; Hydraulic and pneumatic power equipment; Pipeline accessories (accessories) (taps, valves and others); Motor vehicles; Other components and accessories for motor vehicles;				

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.391.	GOST 30630.0.0, clauses 4, 7, subclauses 8.1-8.9; Environmental effect testing; Other environmental effect investigation (testing) methods	Metal structures and their sections; Other metal reservoirs, tanks and similar vessels; Weapon and munitions; Ferrous-metal drums and similar vessels; Light-weight metal packs; Other end metal products, not elsewhere classified; Electronic components; Loaded printed boards; Computers and peripheral equipment; Communication equipment; Appliances; Measurement, testing and navigation equipment; Magnetic and optical storage media; Electromotors, generators and transformers; Electrical switchgear or regulating equipment; Batteries and accumulators;	25.11; 25.29; 25.40; 25.9 1; 25.92; 25.99; 26.11; 2 6.12; 26.20; 26.30; 26.40; 26.51; 26.80; 27.11; 27. 12; 27.20; 27.31; 27.32; 27.33; 27.40; 27.90; 28.1 2; 28.13; 28.14; 28.15; 29.10; 29.31; 29.32	8504; 8535; 8536; 8546	Temperature and humidity resistance	passed/failed -
					Temperature	- -70 °C to 155 °C
					Relative humidity	- 50 % to 98 %

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.391.		Fiber-optic cables; Other electronic and Electrical leads and cables; Wiring products; Electrical lighting equipment; Other electrical equipment; Hydraulic and pneumatic power equipment; Other pumps and compressors; Pipeline accessories (accessories) (taps, valves and others); Bearings, wheel gears, trains of gears and actuating members; Motor vehicles; Electrical and electronic equipment for motor vehicles; Other components and accessories for motor vehicles;				

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.392.	GOST R 59239-2020 (IEC 60076-18:2012), clause 4; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Electrical transformers	27.11.4	8504210000; 8504221000; 8504229000; 8504230000; 850431; 850432000; 8504330000; 8504340000	Frequency	
					Frequency response amplitude/attenuation factor	
1.393.	IEC 60076-18(2012), clause 4; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Electrical transformers	27.11.4	8504210000; 8504221000; 8504229000; 8504230000; 850431; 850432000; 8504330000; 8504340000	Frequency response amplitude/attenuation factor	-130 dB to 0 dB
					Frequency	10 Hz to 10000000 Hz

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
<b>1. Testing (investigations), product measurement</b>						
1.1.	GOST 16962.1, subclause 2.14 (test 222); Environmental effect testing; Other environmental effect investigation (testing) methods	Electromotors, generators and transformers; Electrical switchgear or regulating equipment; Other electronic and electrical leads and cables; Other electrical equipment;	27.11; 27.12; 27.32; 27.90	8535; 8546	Operability when exposed to glaze-ice	passed/failed
					Temperature	- -20 °C to -7 °C
					Crust of ice thickness	- 0 mm to 20 mm
1.2.	GOST R IEC 60068-2-2, clauses 4, 5, 6, 8; Environmental effect testing; elevated operating environmental temperature testing	Metal structures and their sections; Other metal reservoirs, tanks and similar vessels; Weapon and munitions; Ferrous-metal drums and similar vessels; Light-weight metal packs; Other end metal products, not not elsewhere classified;	25.11; 25.29; 25.40; 25.91; 25.92; 25.99; 26.11; 26.12; 26.20; 26.30; 26.40; 26.51; 26.80; 27.11; 27.12; 27.20; 27.31; 27.32; 27.33; 27.40; 27.90; 28.12; 28.13; 28.14; 28.15; 29.10; 29.31; 29.32	8504; 8535; 8536; 8546	Temperature	- -75 °C to 130 °C
					Temperature resistance	passed/failed

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.2.		Electronic components; Loaded printed boards; Computers and peripheral equipment; Communication equipment; Appliances; Measurement, testing and navigation equipment; Magnetic and optical storage media; Electromotors, generators and transformers; Electrical switchgear or regulating equipment; Batteries and accumulators; Fiber-optic cables; Other electronic and electrical leads and cables; Wiring products; Electrical lighting equipment; Other electrical equipment;				



§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.2.		Hydraulic and pneumatic power equipment; Other pumps and compressors; Pipeline accessories (accessories) (taps, valves and others); Bearings, wheel gears, trains of gears and actuating members; Motor vehicles; Electrical and electronic equipment for motor vehicles; Other components and accessories for motor vehicles;	27.11.4	8504210000; 8504221000; 8504229000; 8504230000; 850431; 850432000; 850433000; 8504340000	Frequency  Frequency response amplitude/attenuation factor	
1.3.	GOST 30630.2.1. clauses 4, methods 201-1.1, 201-1.2, 201-2.1.1, 201-2.1.2, 201-2.3.1, 201-2.3.2; Environmental effect testing; elevated operating environmental temperature testing	Electromotors, generators and transformers; Electrical switchgear or regulating equipment; Other electronic and electrical leads and cables; Other electrical equipment;	27.11;27.12;27.32;27.90	8504;8535;8536;8546	Temperature resistance  Temperature	passed/failed - -75 °C to 130 °C

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.3.						
1.4.	GOST 30630.2.1, clause 5; method 202-1; Environmental effect testing; Other environmental effect investigation (testing) methods	Electromotors, generators and transformers; Electrical switchgear or regulating equipment; Other electronic and electrical leads and cables; Other electrical equipment;	27.11; 27.12; 27.32; 27.90	8504; 8535; 8536; 8546	Temperature resistance	passed/failed
					Temperature	-75 °C to 130 °C
1.5.	GOST 30630.2.1, clause 6; methods 203-1, 203-2.1, 203-2.2; Environmental effect testing; Other environmental effect investigation (testing) methods	Electromotors, generators and transformers; Electrical switchgear or regulating equipment; Other electronic and Electrical leads and cables; Other electrical equipment;	27.11; 27.12; 27.32; 27.90	8504; 8535; 8536; 8546	Temperature resistance	passed/failed
					Temperature	-75 °C to 130 °C

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.6.	GOST 30630.2.1, clause 8; methods 205-1.1, 205- 2; Environmental effect testing; Other environmental effect investigation (testing) methods	Electromotors, generators and transformers; Electrical switchgear or regulating equipment; Other electronic and electrical leads and cables; Other electrical equipment;	27.11;27.12;27.32;27.90	8504;8535;8536;8546	Temperature resistance	passed/failed
					Temperature	-75 °C to 130 °C
1.7.	GOST 30630.2.1, clause 8; methods 205-1.1, 205- 2; Environmental effect testing; Other environmental effect investigation (testing) methods	Electromotors, generators and transformers; Electrical switchgear or regulating equipment;Other electronic and electrical leads and cables; Other electrical equipment;	27.11; 27.12; 27.32; 27.90	8504; 8535; 8536; 8546	Temperature resistance	passed/failed
					Temperature	-75 °C to 130 °C
1.8.	GOST R IEC 60068-2-1, clauses 4, 5, 6, 8; Environmental effect testing; low operating environmental temperature	Metal structures and their sections; Other metal reservoirs, tanks and similar vessels;	25.11; 25.29; 25.40; 25.91; 25.92; 25.99; 26.11; 26.12; 26.20; 26.30; 26.40; 26.51; 26.80; 27.11; 27.12;	8504; 8535; 8536; 8546	Temperature	-75 °C to 130 °C

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.8.	testing	Weapon and munitions; Ferrous-metal drums and similar vessels; Light-weight metal packs; Other end metal products, not not elsewhere classified; Electronic components; Loaded printed boards; Computers and peripheral equipment; Communication equipment; Appliances; Measurement, testing and navigation equipment; Magnetic and optical storage media; Electromotors, generators and transformers; Electrical switchgear or regulating equipment; Batteries and accumulators; Fiber-optic cables; Other electronic and electrical leads and cables;		27.20;27.31;27.32;27.33;27.40;27.90;28.12;28.13;28.14;28.15;29.10;29.31;29.32	Temperature resistance	passed/failed -

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.8.		Wiring products; electrical lighting equipment; other electrical equipment; Hydraulic and pneumatic power equipment; Other pumps and compressors; Pipeline accessories (accessories) (taps, valves and others); Bearings, wheel gears, trains of gears and actuating members; Motor vehicles; Electrical and electronic equipment for motor vehicles; Other components and accessories for motor vehicles;				-
9	GOST R 51369, clause 4; methods 207-1, 207-2, 207-3, 207-4, 207-5; Environmental effect testing; Other environmental effect investigation (testing) methods	Electromotors, generators and transformers; Electrical switchgear or regulating equipment;	27.11; 27.12; 27.32; 27.90	8504;8535;8536;8546	Humidity resistance	passed/failed -

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.9.		Other electronic and Electrical leads and cables; Other electrical equipment;			Humidity	- 25 % to 100 %
					Temperature	- +20 °C to +60 °C
1.10.	GOST R 51369, clause 5; methods 208-1, 208- 2; Environmental effect testing; Other environmental effect investigation (testing) methods	Electromotors, generators and transformers; Electrical switchgear or regulating equipment; Other electronic and Electrical leads and cables; Other electrical equipment;	27.11; 27.12; 27.32; 27.9 0		Humidity resistance	passed/failed -
					Humidity	- 25 % to 100 %
					Temperature	- +20 °C to +60 °C

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.11.	GOST R 51369-99 , clause 7; method 206-1 (frost with its subsequent melting testing); Other environmental effect investigation (testing) methods	Electromotors, generators and transformers; Electrical switchgear or regulating equipment; Other electronic and electrical leads and cables; Other electrical equipment;	27.11; 27.12; 27.32; 27.9 0	8504; 8535; 8536; 8546	frost effect with its subsequent melting	passed/failed -
					Temperature	- -70 °C to 0 °C
					Test voltage	- 0 kV to 230 kV
1.12.	GOST R 51369, clause 8; method 222-1 (operability when exposed to glaze-ice testing); Environmental effect testing; Other environmental effect investigation (testing) methods	Electromotors, generators and transformers; Electrical switchgear or regulating equipment; Other electronic and electrical leads and cables; Other electrical equipment;	27.11; 27.12; 27.32; 27.9 0	8504; 8535; 8536; 8546	Operability when exposed to glaze-ice	passed/failed -
					Temperature	- -20 °C to -7 °C

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.12.					Thickness	- 0 mm to 20 mm
1.13.	GOST 1516.2, subclauses 4.1, 4.2, 4.4, 4.5, 7.1-7.5, 7.7; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Electromotors, generators and transformers; Electrical switchgear or regulating equipment; Other electronic and electrical leads and cables; Other electrical equipment; packaged transformer substations; sulphur hexafluoride-insulated switchgear; Power circuit-breakers; Packaged switchgear; Current transformers; Voltage transformers;	27.11; 27.12; 27.32; 27.9 0	8504; 8535; 8536; 8546	Insulation strength	passed/failed -
					AC voltage	- 0.1 kV to 100 kV



§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.14.	GOST R 55194, subclauses 4.1, 4.4, clause 7; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Electromotors, generators and transformers; Electrical switchgear or regulating equipment; Other electronic and electrical leads and cables; Other electrical equipment;	27.11;27.12;27.32;27.90	8504;8535;8536;8546	Insulation resistance	passed/failed
					AC voltage	0.1 kV to 100 kV
1.15.	GOST R 52565, subclause 9.1 (visually); Non-destructive testing; exterior inspection and measurements	AC high-voltage circuit-breakers, contactors and reversers (high-voltage power circuit-breakers);	27.12.10.110	8535	Marking and branding	compliant/noncompliant
					Surface condition	passed/failed
					Protective coating condition	passed/failed

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.16.	GOST R 52565, subclause 9.1 (multipurpose instrument); Non-destructive testing; exterior inspection and measurements	AC high-voltage circuit-breakers, contactors and reversers (high-voltage power circuit-breakers);	27.12.10.110		Overall and connecting dimensions	- 0 mm to 15000 mm
1.17.	GOST R 52565, subclause 9.1 (general-purpose balance); Non-destructive testing; exterior inspection and measurements	AC high-voltage circuit-breakers, contactors and reversers (high-voltage power circuit-breakers);	27.12.10.110		Mass	- 0 kg to 5000 kg
1.18.	GOST R 52565, subclause 9.2.1.2; Physical and mechanical measurement of physical quantities	AC high-voltage circuit-breakers, contactors and reversers (high-voltage power circuit-breakers);	27.12.10.110	8535	Mechanical operability	passed/failed -
1.19.	GOST R 52565, subclause 9.2.2.2; Physical and mechanical measurement of physical quantities	AC high-voltage circuit-breakers, contactors and reversers (high-voltage power circuit-breakers);	27.12.10.110		Opening time	- 0.2*10 <sup>-3</sup> s to 5.2 s
					Closing time	- 0.2*10 <sup>-3</sup> s to 5.2 s

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.20.	GOST R 52565, subclauses 9.2.1.2, 9.2.2.3; Physical and mechanical measurement of physical quantities	AC high-voltage circuit-breakers, contactors and reversers (high-voltage power circuit-breakers);	27.12.10.110	8535	Rate	Calculated rate: -
					Displacement	- 1 mm to 900 mm
					Time	- 0.001 s to 5.2 s
1.21.	GOST R 52565-2006, subclause 9.2.1.2, 9.2.2.4; Physical and mechanical measurement of physical quantities	AC high-voltage circuit-breakers, contactors and reversers (high-voltage power circuit-breakers);	27.12.10.110	8535	Contact pressure	- 0 kN to 5 kN
1.22.	GOST R 52565-2006, subclauses 9.2.1.2, 9.2.2.5; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	AC high-voltage circuit-breakers, contactors and reversers (high-voltage power circuit-breakers);	27.12.10.110	8535	Actuating voltage	- 0 V to 1000 V

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.23.	GOST R 52565-2006, subclauses 9.2.1.2, 9.2.2.6; Physical and mechanical measurement of physical quantities	AC high-voltage circuit-breakers, contactors and reversers (high-voltage power circuit-breakers);	27.12.10.110	8535	Actuating pressure	- 0 MPa to 0.9 MPa
1.24.	GOST R 52565-2006, subclause 9.2.1.2, 9.2.2.8; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	AC high-voltage circuit-breakers, contactors and reversers (high-voltage power circuit-breakers);	27.12.10.110	8535	Electrical resistance	- 1 μΩm to 1000 μΩm
1.25.	GOST R 52565, subclauses 9.2.1.2, 9.2.2.9; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	AC high-voltage circuit-breakers, contactors and reversers (high-voltage power circuit-breakers);	27.12.10.110	8535	Useful current	- 0 A to 100A
1.26.	GOST R 52565, subclauses 9.2.1.2, 9.2.3; Other physical and mechanical investigation (testing) methods to determine physical and mechanical parameters	AC high-voltage circuit-breakers, contactors and reversers (high-voltage power circuit-breakers);	27.12.10.110	8535	Mechanism operability	passed/failed -

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.27.	GOST R 52565-2006, subclauses 9.2.1.2, 9.2.4; Other physical and mechanical investigation (testing) methods to determine physical and mechanical parameters	AC high-voltage circuit-breakers, contactors and reversers (high-voltage power circuit-breakers);	27.12.10.110	8535	Mechanical resistance	passed/failed -
1.28.	GOST R 52565-2006, subclauses 9.2.1.2, 9.2.5; Other physical and mechanical investigation (testing) methods to determine physical and mechanical parameters	AC high-voltage circuit-breakers, contactors and reversers (high-voltage power circuit-breakers);	27.12.10.110	8535	Operation in glaze-ice conditions	passed/failed -
1.29.	GOST R 52565-2006, subclauses 9.2.1.2, 9.2.6; Other physical and mechanical investigation (testing) methods to determine physical and mechanical parameters	AC high-voltage circuit-breakers, contactors and reversers (high-voltage power circuit-breakers);	27.12.10.110	8535	Operability	passed/failed -
					Force	- 0.1 kN to 10 kN
1.30.	GOST R 52565-2006, subclause 9.10.2.1, 9.10.2.2, 9.10.2.3, 9.10.4, 9.10.5; Other environmental effect	AC high-voltage circuit-breakers, contactors and reversers (high-voltage power circuit-breakers);	27.12.10.110	8535	Temperature resistance	passed/failed -70 °C to +130 °C

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.30.	investigation (testing) methods					
1.31.	GOST 14254-2015 (IEC 60529:2013), clause 12; Environmental effect testing; Other environmental effect investigation (testing) methods	Metal structures and their sections; Other metal reservoirs, tanks and similar vessels; Weapon and munitions; Ferrous-metal drums and similar vessels; Light-weight metal packs; Other end metal products, not elsewhere classified; Electronic components; Loaded printed boards; Computers and peripheral equipment; Communication equipment; Appliances; Measurement, testing and navigation equipment; Magnetic and optical storage media; Electromotors, generators and transformers;	25.11; 25.29; 25.40; 25.9 1; 25.92; 25.99; 26.11; 2 6.12; 26.20; 26.30; 26.40 ; 26.51; 26.80; 27.11; 27. 12; 27.20; 27.31; 27.32; 27.33; 27.40; 27.90; 28.1 2; 28.13; 28.14; 28.15; 2 9.10; 29.31; 29.32	8504; 8535; 8536; 8546	Degree of protection from access to hazardous parts	passed/failed 1 to 4

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.31.		Electrical switchgear or regulating equipment; Batteries and accumulators; Fiber-optic cables; Other electronic and electrical leads and cables; Wiring products; Electrical lighting equipment; Other electrical equipment; Hydraulic and pneumatic power equipment; Other pumps and compressors; Pipeline accessories (accessories) (taps, valves and others); Bearings, wheel gears, trains of gears and actuating members; Motor vehicles; Electrical and electronic equipment for motor vehicles; Other components and accessories				

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.31.		for motor vehicles				
1.32.	GOST 14254-2015 (IEC 60529:2013), clause 13; Environmental effect testing; Other environmental effect investigation (testing) methods	Metal structures and their sections; Other metal reservoirs, tanks and similar vessels; Weapon and munitions; Ferrous-metal drums and similar vessels; Light-weight metal packs; Other end metal products, not elsewhere classified; Electronic components; Loaded printed boards; Computers and peripheral equipment; Communication equipment; Appliances; Measurement, testing and navigation equipment; Magnetic and optical storage media; Electromotors, generators and	25.11; 25.29; 25.40; 25.91; 25.92; 25.99; 26.11; 26.12; 26.20; 26.30; 26.40; 26.51; 26.80; 27.11; 27.12; 27.20; 27.31; 27.32; 27.33; 27.40; 27.90; 28.12; 28.13; 28.14; 28.15; 29.10; 29.31; 29.32	8504; 8535; 8536; 8546	Degree of protection from external solid objects	passed/failed 1 to 4



§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.32.		transformers; Electrical switchgear or regulating equipment; Batteries and accumulators; Fiber-optic cables; Other electronic and electrical leads and cables; Wiring products; Electrical lighting equipment; Other electrical equipment; Hydraulic and pneumatic power equipment; Other pumps and compressors; Pipeline accessories (accessories) (taps, valves and others); Bearings, wheel gears, trains of gears and actuating members; Motor vehicles; Electrical and electronic equipment for motor vehicles; Other components and accessories				

§§	§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter
1.32.		for motor vehicles				
1.33.	GOST 14254-2015 (IEC 60529:2013), clause 14; Environmental effect testing; Other environmental effect investigation (testing) methods	Metal structures and their sections; Other metal reservoirs, tanks and similar vessels; Weapon and munitions; Ferrous-metal drums and similar vessels; Light-weight metal packs; Other end metal products, not elsewhere classified; Electronic components; Loaded printed boards; Computers and peripheral equipment; Communication equipment; Appliances; Measurement, testing and navigation equipment; Magnetic and optical storage media; Electromotors, generators and	25.11; 25.29; 25.40; 25.91; 25.92; 25.99; 26.11; 26.12; 26.20; 26.30; 26.40; 26.51; 26.80; 27.11; 27.12; 27.20; 27.31; 27.32; 27.33; 27.40; 27.90; 28.12; 28.13; 28.14; 28.15; 29.10; 29.31; 29.32	8504; 8535; 8536; 8546	Degree of water protection designated by the second characteristic digit	3 to 5

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.33.		transformers; Electrical switchgear or regulating equipment; Batteries and accumulators; Fiber-optic cables; Other electronic and electrical leads and cables; Wiring products; Electrical lighting equipment; Other electrical equipment; Hydraulic and pneumatic power equipment; Other pumps and compressors; Pipeline accessories (accessories) (taps, valves and others); Bearings, wheel gears, trains of gears and actuating members; Motor vehicles; Electrical and electronic equipment for motor vehicles; Other components and accessories				

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.33.		for motor vehicles;				
1.34.	GOST 14254-2015 (IEC 60529:2013), clause 15; Environmental effect testing; Other environmental effect investigation (testing) methods	Metal structures and their sections; Other metal reservoirs, tanks and similar vessels; Weapon and munitions; Ferrous-metal drums and similar vessels; Light-weight metal packs; Other end metal products, not elsewhere classified; Electronic components; Loaded printed boards; Computers and peripheral equipment; Communication equipment; Appliances; Measurement, testing and navigation equipment; Magnetic and optical storage media; Electromotors, generators and	25.11; 25.29; 25.40; 25.91; 25.92; 25.99; 26.11; 26.12; 26.20; 26.30; 26.40; 26.51; 26.80; 27.11; 27.12; 27.20; 27.31; 27.32; 27.33; 27.40; 27.90; 28.12; 28.13; 28.14; 28.15; 29.10; 29.31; 29.32	8504; 8535; 8536; 8546	Degree of protection from access to hazardous parts	passed/failed A to D

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.34.		transformers; Electrical switchgear or regulating equipment; Batteries and accumulators; Fiber-optic cables; Other electronic and electrical leads and cables; Wiring products; Electrical lighting equipment; Other electrical equipment; Hydraulic and pneumatic power equipment; Other pumps and compressors; Pipeline accessories (accessories) (taps, valves and others); Bearings, wheel gears, trains of gears and actuating members; Motor vehicles; Electrical and electronic equipment for motor vehicles; Other components and accessories				

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.34.		for motor vehicles;				
1.35.	GOST R 52726, subclause 8.1; Non-destructive testing; exterior inspection and measurements	AC high-voltage disconnecting switches, short-circuiting switches, isolating switches, earthing switches (AC disconnecting switches and earthing switches for 50 Hz power-frequency voltage greater than 1 kV, including their actuators);	27.12.10.120	853530	Compliance to technical documentation requirements	compliant/noncompliant -
					Protective coating condition	passed/failed -
					Surface condition of external insulation parts	passed/failed -
					Correctness of marking and branding	compliant/noncompliant -

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.35.					Correctness of nameplates	compliant/noncompliant -
					Dimensions	- 0 mm to 1500 mm
					Mass	- 0 kg to 5000 kg
					Adjustment correctness	compliant/noncompliant -
					Contact pressure	- 50 N to 500 N

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.36.	GOST R 52726, subclause 8.3; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	AC high-voltage disconnecting switches, short-circuiting switches, isolating switches, earthing switches (AC disconnecting switches and earthing switches for 50 Hz power-frequency voltage greater than 1 kV, including their actuators);	27.12.10.120	853530	Test current	- 0.0001 A to 100 A
1.37.	GOST R 52726, subclauses 8.5.1.1, 8.5.3, 8.5.8; Other physical and mechanical investigation (testing) methods to determine physical and mechanical parameters	AC high-voltage disconnecting switches, short-circuiting switches, isolating switches, earthing switches (AC disconnecting switches and earthing switches for 50 Hz power-frequency voltage greater than 1 kV, including their actuators);	27.12.10.120	853530	Mechanism operability	passed/failed -
1.38.	GOST R 52726, subclauses 8.5.1.1, 8.5.4, 8.5.8; Other physical and mechanical investigation (testing) methods to determine physical and mechanical parameters	AC high-voltage disconnecting switches, short-circuiting switches, isolating switches, earthing switches (AC disconnecting switches and earthing switches for 50 Hz power-frequency voltage greater than 1 kV,	27.12.10.120	853530	Mechanical wear-resistance	passed/failed -



§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.38	including their actuators)				Time	- 0 s to 1000 s
					Force	- 0 kN to 1 kN
					Test voltage	- 0 V to 1000 V
					Pressure	- 0 MPa to 0.9 MPa
					Electrical resistance	- 0.000001 Ωm to 199.9 Ωm

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.38.					Test current	- 0.0001A to 100 A
1.39.	GOST R 52726, subclauses 8.5.1.1, 8.5.5, 8.5.8; Other physical and mechanical investigation (testing) methods to determine physical and mechanical parameters	AC high-voltage disconnecting switches, short-circuiting switches, isolating switches, earthing switches (AC disconnecting switches and earthing switches for 50 Hz power-frequency voltage greater than 1 kV, including their actuators);	27.12.10.120	853530	Operation of auxiliary contacts	passed/failed -
1.40.	GOST R 52726, subclauses 8.5.1.1, 8.5.6, 8.5.8; Other physical and mechanical investigation (testing) methods to determine physical and mechanical parameters	AC high-voltage disconnecting switches, short-circuiting switches, isolating switches, earthing switches (AC disconnecting switches and earthing switches for 50 Hz power-frequency voltage greater than 1 kV, including their actuators);	27.12.10.120	853530	Mechanical load	- 0 kN to 1 kN
					Operation under rated static mechanical load to terminals	passed/failed -

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.41.	ГОСТ R 52726, п.п. 8.5.1.1, 8.5.7, 8.5.8; Other physical and mechanical investigation (testing) methods to determine physical and mechanical parameters	AC high-voltage disconnecting switches, short-circuiting switches, isolating switches, earthing switches (AC disconnecting switches and earthing switches for 50 Hz power-frequency voltage greater than 1 kV, including their actuators);	27.12.10.120	853530	Mechanical wear-resistance	passed/failed -
1.42.	ГОСТ R 52726, subclause 8.6; Other physical and mechanical investigation (testing) methods to determine physical and mechanical parameters	AC high-voltage disconnecting switches, short-circuiting switches, isolating switches, earthing switches (AC disconnecting switches and earthing switches for 50 Hz power-frequency voltage greater than 1 kV, including their actuators);	27.12.10.120	853530	Locking device operability	passed/failed -
					Mechanical load	passed/failed 0 kN to 1 kN
1.43.	ГОСТ R 52726, subclause 8.7; Environmental effect testing; Other environmental effect investigation (testing) methods	AC high-voltage disconnecting switches, short-circuiting switches, isolating switches, earthing switches (AC disconnecting switches and earthing switches for 50 Hz power-frequency voltage greater than 1 kV,	27.12.10.120	853530	Crust of ice resistance	passed/failed -

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.44.		including their actuators);			Temperature	- -25 °C to 5 °C
					Thickness	- 0 mm to 30 mm
1.44.	GOST R 52726, subclause 8.19; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	AC high-voltage disconnecting switches, short-circuiting switches, isolating switches, earthing switches (AC disconnecting switches and earthing switches for 50 Hz power-frequency voltage greater than 1 kV, including their actuators);	27.12.10.120	853530	Electrical resistance	- 0.000001 Ωm to 199.9 Ωm
					Current	- 0.0001 A to 100A
1.45.	GOST 7746, subclause 9.1; Non-destructive testing; exterior inspection and measurements	Electrical transformers; Current transformers;	27.11.4	8504320002; 850431	Availability of nameplate with data specified by normative documents	compliant/noncompliant -

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.45.					Surface condition	compliant/noncompliant -
					Protective coating condition	compliant/noncompliant -
					Mass	- 0 kg to 5000 kg
					Marking and branding	compliant/noncompliant -
					Dimensions	- 0 mm to 15000 mm

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.46.	GOST 7746, subclause 9.3; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Electrical transformers; Current transformers;	27.11.4	8504320002; 850431	Winding insulation resistance	passed/failed $3 \cdot 10^3 \Omega m$ to $1000 \cdot 10^9 \Omega m$
1.47.	GOST 8.217, subclause 9.2; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Electrical transformers; Current transformers;	27.11.4	8504320002; 850431	Winding insulation resistance	passed/failed $3 \cdot 10^3 \Omega m$ to $1000 \cdot 10^9 \Omega m$
1.48.	GOST 7746, subclause 9.5; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Electrical transformers; Current transformers;	27.11.4	8504320002; 850431	Relative current error	- 0.01 % to 100 %
					Absolute angular error	- -600 min to +600 min
					Marking	compliant/noncompliant -

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.48.					Test current	- 0 A to 5000A
1.49.	GOST 7746, subclause 9.5.1.1; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Electrical transformers; Current transformers;	27.11.4	8504320002; 850431	Polarity of windings	compliant/noncompliant -
1.50.	GOST 8.217, subclauses 9.3, 9.5; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Electrical transformers; Current transformers;	27.11.4	8504320002; 850431	Absolute angular error	- 0.01 % to 100 %
					Relative current error	- -600 min to +600 min
					Correctness of marking	compliant/noncompliant -

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.50.					Test current	- 0 A to 5000A
1.51.	GOST 8.217, subclause 9.4; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Electrical transformers; Current transformers;	27.11.4	8504320002; 850431	Correctness of contact clamps and terminals identification	compliant/noncompliant -
1.52.	GOST 1983, subclause 9.1; Non-destructive testing; exterior inspection and measurements	Other transformers of power not greater than 16 kVA; Voltage transformers	27.11.42	8504320002; 850431	Availability of nameplate with data specified by normative documents	compliant/noncompliant -
					Protective coating condition	compliant/noncompliant -
					Mass	- 0 kg to 5000 kg



§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.52.					Marking and branding	compliant/noncompliant -
					Completeness	compliant/noncompliant -
					Dimensions	- 0 mm to 15000 mm
1.53.	GOST 1983, subclause 9.3; Other physical and mechanical investigation (testing) methods to determine physical and mechanical parameters	Other transformers of power not greater than 16 kVA; Voltage transformers	27.11.42	8504320002; 850431	Winding insulation resistance	- 0 GΩm to 1000 GΩm
1.54.	GOST 1983, subclause 9.13; Environmental effect testing; Other environmental effect investigation (testing) methods	Other transformers of power not greater than 16 kVA; Voltage transformers	27.11.42	8504320002; 850431	Resistance to climatic ambient factors	passed/failed -

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.54.					Temperature	-75 °C to +135 °C
					Air humidity	-10 % to 98 %
1.55.	GOST 1983, subclause 9.13; Environmental effect testing; Other environmental effect investigation (testing) methods	Other transformers of power not greater than 16 kVA; Voltage transformers	27.11.42	8504320002; 850431	Wind load, glaze-ice and lead tension effect	passed/failed
					Test force	-0 kN to 10 kN
1.56.	GOST 14694, subclause 1.1; Non-destructive testing; exterior inspection and measurements	Electrical switchgear or protective equipment packages; Switchgears;	27.12.3	853720	Compliance with working drawings	compliant/noncompliant

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.56.					Marking and branding	compliant/noncompliant -
					Mass	compliant/noncompliant 0 kg to 5000 kg
					Dimensions	compliant/noncompliant 0 mm to 15000 mm
					Availability of nameplate with data specified by normative documents	compliant/noncompliant -
					Exterior	compliant/noncompliant -

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.57.	GOST 14694, subclause 1.5; Non-destructive testing; exterior inspection and measurements	Electrical switchgear or protective equipment packages; Switchgears;	27.12.3	853720	Technical documentation	compliant/noncompliant -
1.58.	GOST 14694, subclause 4.3; Other physical and mechanical investigation (testing) methods to determine physical and mechanical parameters	Electrical switchgear or protective equipment packages; Switchgears;	27.12.3	853720	Operation of cabinet and withdrawable parts mechanisms	passed/failed -
					Force on withdrawable element transfer control handle	- 0 kN to 1 kN
1.59.	GOST 14694, subclause 4.4; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Electrical switchgear or protective equipment packages; Switchgears;	27.12.3	853720	Operational check of switchgear equipment	passed/failed -
					Power supply voltage	- 0 V to 690 V

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.60.	GOST 14694, subclauses 4.5.1, 4.5.4, 4.5.5; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Electrical switchgear or protective equipment packages; Switchgears;	27.12.3	853720	Closing time	compliant/noncompliant $10^{-4}$ s to 10 s
					Opening time	compliant/noncompliant $10^{-4}$ s to 10 s
1.61.	GOST 14694, subclauses 4.5.2, 4.5.3, 4.5.4, 4.5.5; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Electrical switchgear or protective equipment packages; Switchgears;	27.12.3	853720	Switchgear contact movement rate in making and braking operations	Calculated rate: compliant/noncompliant -
					Time	- $10^{-4}$ s to 10 s
					Displacement	- 0 mm to 100 mm

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.62.	GOST 14694, subclause 4.6; Functional testing of construction systems and elements; Functional testing of construction systems and elements	Electrical switchgear or protective equipment packages; Switchgears;	27.12.3	853720	Mechanical strength of switchgear structural elements in multiple operations	passed/failed
					Power supply voltage	- 0 V to 500 V
1.63.	GOST 14694, subclause 4.7; Functional testing of construction systems and elements; Functional testing of construction systems and elements	Electrical switchgear or protective equipment packages; Switchgears;	27.12.3	853720	Operability of instruments, gear, and diagrams of auxiliary circuits	compliant/noncompliant
					Power supply voltage	- 0 V to 500 V
1.64.	GOST 14694, subclause 4.8; Functional testing of construction systems and elements; Functional testing of construction systems and elements	Electrical switchgear or protective equipment packages; Switchgears;	27.12.3	-	Operability of locking devices	compliant/noncompliant

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.64.					Force	- 0 kN to 1 kN
					Power supply voltage	- 0 V to 500 V
1.65.	GOST 14694, subclause 4.9; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Electrical switchgear or protective equipment packages; Switchgears	27.12.3	853720	Fixing devices	passed/failed -
					Force	- 0 kN to 1 kN
1.66.	GOST 14694, subclauses 4.10.1, 4.10.3; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Electrical switchgear or protective equipment packages; Switchgears	27.12.3	-	DC resistance	compliant/noncompliant $10^{-6} \Omega\text{m}$ to 1999.9 $\Omega\text{m}$

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.67.	GOST 14694, subclause 4.10.2; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Electrical switchgear or protective equipment packages; Switchgears;	27.12.3	853720	Pressure continuity of sliding earthing contacts	passed/failed -
1.68.	GOST 14694, subclauses 5.1, 5.2; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Electrical switchgear or protective equipment packages; Switchgears;	27.12.3	853720	Insulation strength	passed/failed -
					AC voltage	- 0.1 kV to 100 kV
1.69.	GOST 20248, clause 1; Non-destructive testing; exterior inspection and measurements	Electrical switchgear or protective equipment packages; Packaged transformer substations;	27.12.3	853720	Availability of nameplate with data specified by normative documents	compliant/noncompliant -
					Mass	- 0 kg to 5000 kg



§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.69.					Marking and branding	confirmed/not confirmed -
					Dimensions	- 0 mm to 15000 mm
					Exterior	compliant/noncompliant -
1.70.	GOST 20248, clause 4; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Electrical switchgear or protective equipment packages; Packaged transformer substations;	27.12.3	853720	Proper arrangement of operative control, protection, automatic and alarm circuits	compliant/noncompliant -
					Test voltage	- 0 V to 500 V

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.71.	GOST 20248, clause 5; Functional testing of construction systems and elements; Functional testing of construction systems and elements	Electrical switchgear or protective equipment packages; Packaged transformer substations;	27.12.3	853720	Power supply voltage	- 0 V to 500 V
					Making and breaking test of main circuit switchgear and actuators	passed/failed -
1.72.	GOST 20248, clause 6; Functional testing of construction systems and elements; Functional testing of construction systems and elements	Electrical switchgear or protective equipment packages; Packaged transformer substations;	27.12.3	853720	Electrical/mechanical locking device operation	passed/failed -
					Force	- 0 kN to 1 kN
					Opening time	- 0 s to 100 s

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.73.	GOST 20248, clause 7; Functional testing of construction systems and elements; functional testing of construction systems and elements	Electricalal switchgear or protective equipment packages; Packaged transformer substations;	27.12.3	853720	Mechanical strength of switchgear structural elements in multiple operations	passed/failed
					Force	- 0 kN to 1 kN
1.74.	GOST 20248, subclause 8.4; Environmental effect testing; other environmental effect investigation (testing) methods	Electricalal switchgear or protective equipment packages; Packaged transformer substations;	27.12.3	853720	Test humidity	- 40 % to 98 %
					Test voltage	- 0 kV to 100 kV
					Insulation resistance	- $3 \cdot 10^3 \Omega m$ to $1000 \cdot 10^6 \Omega m$

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.74.					Test temperature	- 0 °C to 50 °C
					PTS insulation strength in dew-fall conditions	passed/failed -
1.75.	GOST 20248, subclauses 13.1, 13.2, 13.4 – 13.6; Functional testing of construction systems and elements; functional testing of construction systems and elements	Electricalal switchgear or protective equipment packages; Packaged transformer substations;	27.12.3	853720	PTS check assembly	passed/failed -
					Dimensions	- 0 mm to 15000 mm
1.76.	GOST 20248, subclauses 13.3, 13.6; Functional testing of construction systems and elements; functional testing of construction systems and elements	Electricalal switchgear or protective equipment packages; Packaged transformer substations;	27.12.3	853720	interchangeability of identic replacement parts	passed/failed -

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.77.	GOST IEC 61439-1, subclause 10.2.7; Non-destructive testing; exterior inspection and measurements	Electricalal switchgear or regulating equipment; Electrical circuit switchgear or protection devices for voltage greater than 1 kV; Electrical circuit switchgear or protection devices for voltage not greater than 1 kV Electricalal switchgear or protective equipment packages; Sections of electrical switchgear or regulating equipment;	27.12; 27.12.1; 27.12.2; 27.12.3; 27.12.4	8536; 8537	Mark permanency	passed/failed -
					Holding time	- 0 s to 60 s
1.78.	GOST IEC 61439-1-2013, subclause 10.9; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Electricalal switchgear or regulating equipment; Electrical circuit switchgear or protection devices for voltage greater than 1 kV; Electrical circuit switchgear or protection devices for voltage not greater than 1 kV; Electricalal switchgear or	27.12; 27.12.1; 27.12.2; 27.12.3; 27.12.4	8536; 8537	Power-frequency withstand voltage	- 0 kV to 10 kV
					Impulse withstand voltage	- 0 kV to 20 kV

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.78.		protective equipment packages; Sections of electrical switchgear or regulating equipment;			Electricalal insulation properties /Insulation strength	passed/failed -
1.79.	GOST IEC 61439-1, subclause 10.13; Reliability, service-life testing; other reliability, service-life testing methods	Electricalal switchgear or regulating equipment; Electrical circuit switchgear or protection devices for voltage greater than 1 kV; Electrical circuit switchgear or protection devices for voltage not greater than 1 kV; Electricalal switchgear or protective equipment packages; Sections of electrical switchgear or regulating equipment;	27.12; 27.12.1; 27.12.2; 27.12.3; 27.12.4	8536; 8537	Operability of mechanical parts	passed/failed -
					Test force	- 0 kN to 1 kN
1.80.	GOST 30630.0.0, clauses 4, 7, subclauses 8.1 – 8.9; Environmental effect testing; other environmental effect investigation (testing) methods	Metal structures and their sections; Other metal reservoirs, tanks and similar vessels; Weapon and munitions;	25.11; 25.29; 25.40; 25.9 1; 25.92; 25.99; 26.11; 2 6.12; 26.20; 26.30; 26.40 ; 26.51; 26.80; 27.11;	8504; 8535; 8536; 8546	Humidity	- 60 % to 98 %

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.80.		Ferrous-metal drums and similar vessels; Light-weight metal packs; Other end metal products, not elsewhere classified; Electronic components; Loaded printed boards; Computers and peripheral equipment; Communication equipment; Consumer electronics; Measurement, testing and navigation equipment; Magnetic and optical storage media; Electrical motors, generators and transformers; Electricalal switchgear or regulating equipment; Batteries and accumulators; Fiber optic cables; Other electronic and electrical leads and cables;	27.33; 27.40; 27.90; 28.1 2; 28.13; 28.14; 28.15; 2 9.10; 29.31; 29.32		Temperature	-75 °C to +130 °C
					Temperature and humidity resistance	passed/failed

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.80.		Wiring products; Electrical lighting equipment; Other electrical equipment; Hydraulic and pneumatic power equipment; Other pumps and compressors; Pipeline accessories (accessories) (taps, valves and others); Bearings, wheel gears, trains of gears and actuating members; Motor vehicles; Electrical and electronic equipment for motor vehicles; Other components and accessories for motor vehicles;				



§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
<b>1. Product tests (investigations), measurements</b>						
1.1.	GOST 3484.1, subclause 2.2.2; Electrophysical investigations (testing); electrophysical investigations (testing) methods without specification	Electrical transformers;	27.11.4		Transformation ratio	- 0.1 to 1000
1.2.	GOST 3484.1, subclause 2.2.3; Electrophysical investigations (testing); electrophysical investigations (testing) methods without specification	Electrical transformers;	27.11.4		Transformation ratio	Calculated rate: -
					Primary voltage/ Secondary voltage / Voltage	- 0.01 kV to 127 kV
1.3.	GOST 3484.1, subclause 3.1.2; Electrophysical investigations (testing); electrophysical investigations (testing) methods without specification	Electrical transformers;	27.11.4		Vector group	confirmed/not confirmed 0 to 11

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.3.					Phase angle	0 to 360 (...°)
1.4.	GOST 3484.1, 3.1.4; Electrophysical investigations (testing); electrophysical investigations (testing) methods without specification	Electrical transformers;	27.11.4		Vector group	Calculated rate: - 0 to 11
					Linear primary voltage/ Linear secondary voltage/ Voltage between different clamps of different windings/ Voltage	- 0.01 kV to 127 kV
1.5.	GOST 3484.1, clause 4; Electrophysical investigations (testing); electrophysical investigations (testing) methods without specification	Electrical transformers;	27.11.4		Time	- 0 h to 23 h
					Temperature	- 0 °C to +300 °C

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.5.					Direct current	- 0.0001A to 10A
					DC winding resistance	- $2 \cdot 10^{-4} \Omega$ to $2 \cdot 10^5 \Omega$
1.6.	GOST 3484.1, clause 5; Electrophysical investigations (testing); electrophysical investigations (testing) methods without specification	Electrical transformers; Liquid-filled transformers; Other transformers of power not greater than 16 kVA; Other transformers of power greater than 16 kVA; Reactors, including concrete current-limiting reactors;	27.11.4; 27.11.41; 27.11 ,42; 27.11.43		Short-circuit losses	Calculated rate: -
					Short-circuit voltage	Calculated rate: -
					Short-circuit losses	- 0 kW to 40 kW

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.6.					Experiment voltage	- 0 kV to 100 kV
					Experiment current	- 0 A to 6000A
1.7.	GOST 3484.1, clause 6; Electrophysical investigations (testing); electrophysical investigations (testing) methods without specification	Electrical transformers; Liquid-filled transformers; Other transformers of power not greater than 16 kVA; Other transformers of power greater than 16 kVA; Reactors, including concrete current-limiting reactors;	27.11,4; 27.11.41; 27.11 ,42; 27.11.43		Experiemnt current/ no-load current	Calculated rate: -
					Experiment voltage/ applied voltage/ experiment voltage	- 0 kV to 100 kV
					Power/ no-load losses	- 0 kW to 40 kW

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.8.	GOST 3484.1, clause 7; Electrophysical investigations (testing); electrophysical investigations (testing) methods without specification	Electrical transformers; Liquid-filled transformers; Other transformers of power not greater than 16 kVA; Other transformers of power greater than 16 kVA; Reactors, including concrete current-limiting reactors;	27.11.4; 27.11.41; 27.11.42; 27.11.43		Total current of three different windings	- 0 A to 6000A
					Experiment applied voltage	- 0 kV to 127 kV
					Zero phase-sequence resistance	Calculated rate: - 0.0000001 $\Omega$ m to 100000 $\Omega$ m
1.9.	GOST 3484.1, clause 8; Electrophysical investigations (testing); electrophysical investigations (testing) methods without specification	Electrical transformers; Liquid-filled transformers; Other transformers of power no greater than 16 kVA; Other transformers of power greater than 16 kVA; Reactors, including concrete current-limiting reactors;	27.11.4; 27.11.41; 27.11.42; 27.11.43		Harmonic composition of no-load current	- 0 % to 100 %

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.10.	GOST 3484.2, clauses 1 – 4, 6; Electrophysical investigations (testing); electrophysical investigations (testing) methods without specification	Electrical transformers;	27.11.4	8504210000; 850422100 0; 8504229000; 8504230 00; 850431; 850432000; 8 50433000; 8504340000	Time	- 0 h to 23 h 59 min 59 s.
					Voltage	- 0 kV to 35 kV
					Transformer losses	- 0 kW to 40 kW
					Resistance	- 0.000001 $\Omega$ m to 200 000 $\Omega$ m
					Temperature	- 0 °C to +300 °C

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.10.					Current	- 0 A to 6000A
					Frequency	- 5 Hz to 100 Hz
1.11.	GOST 3484.2, clause 5 (calculation); Electrophysical investigations (testing); electrophysical investigations (testing) methods without specification	Electrical transformers;	27.11.4	8504210000; 8504221000; 8504229000; 850423000; 850431; 850432000; 850433000; 8504340000	Temperature rise of individual transformer elements over coolant temperature / Temperature rise of individual transformer elements / Transformer heating / Heating test	Calculated rate: -
					Current	- 0 A to 6000A

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.11.					Temperature/ Coolant temperature / Temperature of transformer elements	- 0 °C to +300 °C
					Transformer losses	- 0 kW to 40 kW
1.12.	GOST 3484.2, Appendix 3, clause 2 (calculation); Electrophysical investigations (testing); electrophysical investigations (testing) methods without specification	Electrical transformers;	27.11.4	8504210000; 8504221000; 8504229000; 850423000; 85043100; 850432000; 850433000; 8504340000	Measurement of average winding temperature after breaking	Calculated rate: -
					Resistance	- 0.000001 Ωm to 200 000 Ωm
					Temperature	- 0 °C to +300 °C



§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.12.					Time	- 0 h to 23 h 59 min 59 s
1.13.	GOST 3484.3, subclauses 4.1.1, 4.1.2, 4.1.3; Electrophysical investigations (testing); electrophysical investigations (testing) methods without specification	Electrical transformers;	27.11.4		Insulation resistance	- 3*10 <sup>3</sup> Ωm to 10 <sup>12</sup> Ωm
					Time	- 1 s to 60 s
1.14.	GOST 3484.3, subclause 4.2; Electrophysical investigations (testing); electrophysical investigations (testing) methods without specification	Electrical transformers;	27.11.4		Winding capacity	- 20*10 <sup>-12</sup> F to 10 <sup>-6</sup> F
					Dielectrical loss angle tangent	- 0.01 % to 100 %

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.15.	GOST 3484.3, subclause 4.1.4; Electrophysical investigations (testing); electrophysical investigations (testing) methods without specification	Electrical transformers;	27.11.4		Absorption coefficient	Calculated rate: -
					Insulation resistance	- 3*10 <sup>3</sup> Ωm to 10 <sup>12</sup> Ωm
1.16.	GOST R 52719, subclause 10.1 (visually); Non-destructive testing; exterior inspection and measurements	Electrical transformers;	27.11.4		Exterior	compliant/noncompliant -
1.17.	GOST R 52719, subclause 10.1 (by measuring instrument); Non-destructive testing; exterior inspection and measurements	Electrical transformers;	27.11.4		Dimensions	- 0 mm to 15000 mm
1.18.	GOST 22756, subclauses 2.5, 2.8; Electrophysical investigations (testing); electrophysical investigations (testing) methods without specification	Electrical transformers;	27.11.4	8504210000; 850422100 0; 8504229000; 8504230 00; 850431; 850432000; 8 50433000; 8504340000	Internal insulation / Insulation strength / Transformer internal insulation strength	passed/failed -

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.18.					Test full lightning impulse voltage	- 0 kV to 2250 kV
					Test chopped impulse voltage	- 0 kV to 2250 kV
1.19.	GOST 22756, subclauses 2.6, 2.9, 3.2; Electrophysical investigations (testing); electrophysical investigations (testing) methods without specification	Electrical transformers;	27.11.4	8504210000; 8504221000; 8504229000; 850423000; 850431; 850432000; 850433000; 8504340000	Internal insulation / Insulation strength / Transformer internal insulation strength	passed/failed -
					Test switching impulse voltage	- 750 kV to 1600 kV
1.20.	GOST 22756, subclauses 2.7, 2.10, 3.3; Electrophysical investigations (testing); electrophysical investigations (testing) methods without specification	Electrical transformers;	27.11.4	8504210000; 8504221000; 8504229000; 850423000; 850431; 850432000; 850433000; 8504340000	Test power-frequency voltage	- 0 kV to 950 kV

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.20.					Insulation strength / Internal insulation strength / Transformer internal insulation strength	passed/failed -
1.21.	GOST 22756, subclauses 1.5.3, 1.5.4, 2.7.2, 2.7.3, 2.7.7; Electrophysical investigations (testing); electrophysical investigations (testing) methods without specification	Electrical transformers;	27.11.4	8504210000; 850422100 0; 8504229000; 8504230 00; 850431; 850432000; 8 50433000; 8504340000	Internal insulation / Insulation strength / Transformer internal insulation strength	passed/failed -
					Test voltage	- 0 kV to 900 kV
					Test voltage frequency	- 45 Hz to 200 Hz
1.22.	GOST R 56738, clause 10; Electrophysical investigations (testing); electrophysical investigations (testing) methods without specification	Electrical transformers;	27.11.4	8504210000; 850422100 0; 8504229000; 8504230 00; 850431; 850432000; 8 50433000; 8504340000	Insulation strength / Applied short-time AC voltage / AStAV	passed/failed -

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.22.					Applied short-time AC voltage	- 0 kV to 425 kV
1.23.	GOST R 56738, subclauses 11.1, 11.2; Electrophysical investigations (testing); electrophysical investigations (testing) methods without specification	Electrical transformers;	27.11.4	8504210000; 8504221000; 8504229000; 850423000; 85043100; 850432000; 850433000; 8504340000	Induced short-time AC voltage / IStAV / Insulation strength	passed/failed -
					Induced short-time AC voltage	- 0 kV to 900 kV
					Test voltage frequency	- 0 Hz to 200 Hz
1.24.	GOST R 56738, subclause 11.3; Electrophysical investigations (testing); electrophysical investigations (testing) methods without specification	Electrical transformers;	27.11.4	8504210000; 8504221000; 8504229000; 850423000; 85043100; 850432000; 850433000; 8504340000	Long-time AC voltage with measurement of partial discharge intensity / LtAV/ Insulation strength in one-minute voltage test with measurement of	passed/failed -

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.24.					partial discharge intensity	
					Test voltage	- 0 kV to 900 kV
					Test voltage frequency	- 45 Hz to 200 Hz
					Partial discharges	- 1 pC to 10000 pC
1.25.	GOST R 56738, clause 12; Electrophysical investigations (testing); electrophysical investigations (testing) methods without specification	Electrical transformers;	27.11.4	8504210000; 8504221000; 8504229000; 850423000; 85043100; 850432000; 850433000; 8504340000	Insulation strength / Ground insulation of transformer winding linear terminals with incomplete neutral insulation/ Electrical strength of linear terminal at	passed/failed -

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.25.					short-time AC voltage / LTStAV	
					Short-time AC voltage	- 0 kV to 900 kV
1.26.	GOST R 56738, clause 13; Electrophysical investigations (testing); electrophysical investigations (testing) methods without specification	Electrical transformers;	27.11.4	8504210000; 8504221000; 8504229000; 850423000; 850431; 850432000; 850433000; 8504340000	Insulation strength / Lightning impulse voltage / FLI / CLI / LIN / LIMIT / Insulation strength at lightning impulse voltage	passed/failed -
					Test lightning impulse voltage	- 0 kV to 2250 kV
1.27.	GOST R 56738, clause 14; Electrophysical investigations (testing); electrophysical investigations (testing) methods without specification	Electrical transformers;	27.11.4	8504210000; 8504221000; 8504229000; 850423000; 850431; 850432000; 850433000; 8504340000	Insulation strength at switching impulse voltage / Switching pulse voltage / SP	passed/failed -

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.27.						
					Test switching impulse voltage	- 750 kV to 1600 kV
1.28.	GOST R 54827, 26.3; Environmental effect testing; other environmental effect investigation (testing) methods	Electrical transformers;	27.11.4		Resistance to condensation and water penetration	passed/failed -
					Specific conductance of water	- 0.1 Sm/m to 1.5 Sm/m
					Applied voltage	- 0 kV to 425 kV



§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.28.					Induced voltage	- 0 kV to 900 kV
1.29.	GOST R 54827, 27.3, 27.4; Environmental effect testing; other environmental effect investigation (testing) methods	Electrical transformers;	27.11.4		Resistance to thermal shock load	passed/failed -
					PD/ Partial discharge/	- 1 pC to 10000 pC
					Applied voltage	- 0 kV to 425 kV
					Direct current	- 0.0001 A to 100A

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.29.					Alternating current	- 0 A to 6000A
					Induced voltage	- 0 kV to 900 kV
1.30.	GOST R 54827, clause 20; Electrophysical investigations (testing); electrophysical investigations (testing) methods without specification	Electrical transformers;	27.11.4		Insulation strength at induced AC power-frequency voltage testing	passed/failed -
					Voltage	- 0 kV to 900 kV
					Frequency	- 45 Hz to 200 Hz

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.30.					Time	- 0 s to 83699 s
					Voltage	- 0 kV to 900 kV
1.31.	GOST R 54827, clause 21 (Full lightning impulse); Electrophysical investigations (testing); electrophysical investigations (testing) methods without specification	Electrical transformers;	27.11.4		Insulation strength tested with full lightning impulse	passed/failed 0 kV to 2250 kV
1.32.	GOST R 54827, clause 21 (Chopped lightning impulse); Electrophysical investigations (testing); electrophysical investigations (testing) methods without specification	Electrical transformers;	27.11.4		Insulation strength tested with chopped lightning impulse	passed/failed 0 kV to 2250 kV

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.33.	GOST R 54827, clause 22; Electrophysical investigations (testing); electrophysical investigations (testing) methods without specification	Electrical transformers;	27.11.4		Partial discharge / Partial discharge characteristics	- 10 pC to 10000 pC
1.34.	GOST 20074, clauses 1 – 5; Electrophysical investigations (testing); electrophysical investigations (testing) methods without specification	Electrical transformers; Liquid-filled transformers; Other transformers of power not greater than 16 kVA; Other transformers of power greater than 16 kVA; Power circuit-breakers; Electrical motors, generators and transformers; Electricalal switchgear or regulating equipment; Electrical circuit switchgear or protection devices for voltage greater than 1 kV; Electricalal switchgear or protective equipment packages; Sections of electrical switchgear or	27.11.4; 27.11.41; 27.11.42; 27.11.43; 27.11; 27.12; 27.12.1; 27.12.3; 27.12.4; 27.12.10.110; 27.12.10; 27.12.10.120; 27.12.10.130; 27.90.5; 27.90.51; 27.90.52; 27.90.53; 27.90.6; 27.90.60; 27.90.8; 27.90.81; 27.90.82; 27.20; 27.20.1; 27.20.2; 27.7.31; 27.31.1; 27.32; 27.32.1; 27.33; 27.33.1; 27.40; 27.40.2; 27.40.3; 27.40.4; 27.40.1; 27.51; 27.51.1; 27.51.2; 27.51.3; 27.7.52; 27.52.1; 27.52.2; 27.7.90; 27.90.1; 27.90.2; 27.90.3; 27.90.4; 27.90.7	8504; 8535; 8536; 8546	Partial discharge / apparent charge of particle discharge	- 1 pC to 10 <sup>4</sup> pC

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.34.		regulating equipment; AC high-voltage circuit-breakers, contactors and reversers (high-voltage power circuit-breakers); Electrical circuit switchgear or protection devices for voltage greater than 1 kV; AC high-voltage disconnecting switches, short-circuiting switches, isolating switches, earthing switches; High-voltage surge arresters; Electrical capacitors; Fixed capacitors for 50/60 Hz circuits for reactive power from 0.5 kVAr and above; Other fixed capacitors; Variable or control capacitors (presettable); Resistors, except for heating resistors; Resistors, except for heating resistors;				

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.34.		Parts of electrical capacitors, electrical resistors, rheostats, and potentiometers; Parts of electrical capacitors; Parts of resistors, rheostats, and potentiometers; Batteries and accumulators; Primary elements, primary batteries, and their parts; Electrical accumulators and their parts; Fiber optic cables; Fiber optic cables; Other electronic and electrical leads and cables; Other electronic and electrical leads and cables; Wiring products; Wiring products Electrical lighting equipment; Lamps and lighting facilities; Other lamps and lighting facilities;				

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.34.		Parts of lamps and lighting facilities; Electrical filament lamps or gas-discharge lamps; arc lamps; LED lamps; Electrical appliances; Refrigerators and freezers; washing machines; electrical blankets; fans; Other electrical appliances, not elsewhere classified; Parts of appliances; Nonelectrical appliances; Nonelectrical appliances for food preparation and heating; Parts of furnaces, stoves, plate heaters and similar nonelectrical appliances; Other electrical equipment; Other electrical equipment				

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.34.		<p>and its parts;</p> <p>Liquid-crystalline or light-emitting diode indicative plates; sound or light signaling electrical equipment;</p> <p>Electrical tools for soft and hard soldering and welding, machines and apparatus for surface heat treatment and thermal spraying;</p> <p>Other electrical equipment, not elsewhere classified (including electrical magnets, electromagnetic couplings and brakes, electromagnetic lifting clamps; electrical particle accelerators; electrical signal generators);</p> <p>Electrical signaling devices, electrical equipment to provide traffic safety and control on railways, tramlines, motor roads,</p>				



§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.34.		inland waterways, parking areas, in port facilities or at aerodromes;				
1.35.	GOST 1516.2, clauses 1 – 6, subclauses 7.1 – 7.4, clause 8; Electrophysical investigations (testing); electrophysical investigations (testing) methods without specification	Electrical transformers; Liquid-filled transformers; Other transformers of power not greater than 16 kVA; Other transformers of power greater than 16 kVA; Power transformers; Reactors, including concrete current-limiting reactors; Reactors for electrified railroad substations;	27.11,4; 27.11.41; 27.11 ,42; 27.11.43	8504210000; 850422; 85 04229000; 8504221000; 850423000; 850431; 850 431800; 850432000; 850 4320001; 850433000; 85 04340000	Lightning impulse voltage	- 0 kV to 2250 kV
					Switching impulse voltage	- 750 kV to 1600 kV
					Direct current voltage	- 2 kV to 70 kV
					Alternating voltage	- 0 kV to 425 kV

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.35.					Insulation compliance with rated test voltage / Insulation strength	passed/failed -
1.36.	GOST 1516.2, clauses 1 – 4, subclause 7.1 – 7.3, 7.5; Electrophysical investigations (testing); electrophysical investigations (testing) methods without specification	Electrical transformers; Liquid-filled transformers; Other transformers of power no greater than 16 kVA; Other transformers of power greater than 16 kVA; Power transformers; Reactors, including concrete current-limiting reactors; Reactors for electrified railroad substations;	27.11,4; 27.11.41; 27.11 ,42; 27.11.43	8504210000; 850422; 85 04229000; 8504221000; 850423000; 850431; 850 431800; 850432000; 850 4320001; 850433000; 85 04340000	Insulation strength to thermal break-down  Alternating voltage	passed/failed -  - 0 kV to 425 kV
1.37.	GOST 1516.2, clauses 1 – 4, subclauses 7.1 – 7.3, 7.6; Electrophysical investigations (testing); electrophysical investigations (testing) methods	Electrical transformers; Liquid-filled transformers; Other transformers of power no greater than 16 kVA; Other transformers	27.11,4; 27.11.41; 27.11.42; 27.11.43		Radio interference	passed/failed 01 dB to 100 dB

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.37.		of power greater than 16 kVA; Power transformers; Reactors, including concrete current-limiting reactors; Reactors for electrified railroad substations;			Alternating voltage	- 0 kV to 425 kV
1.38.	GOST 1516.2, clauses 1 – 4, subclause 7.1 – 7.3, 7.7; Electrophysical investigations (testing); electrophysical investigations (testing) methods without specification	Electrical transformers; Liquid-filled transformers; Other transformers of power not greater than 16 kVA; Other transformers of power greater than 16 kVA; Power transformers; Reactors, including concrete current-limiting reactors; Reactors for electrified railroad substations;	27.11.4; 27.11.41; 27.11.42; 27.11.43	8504210000; 850422; 85 04229000; 8504221000; 850423000; 850431; 850 431800; 850432000; 850 4320001; 850433000; 85 04340000	Absence of visible corona	passed/failed -
					Alternating voltage	- 1 kV to 425 kV

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.39.	GOST 1516.2, subclause 4.1-4.5, clauses 5, 6, subclause 7.1-7.5, 7.7, clause 8; Electrophysical investigations (testing); electrophysical investigations (testing) methods without specification	Electrical transformers; Electricalal switchgear or protective equipment packages; Power generating plants and rotary converters; Other electrical equipment; Electrical motors, generators and transformers; Electricalal switchgear or regulating equipment Electricalal lighting equipment; Electrical motors of power not greater than 37.5 W; Other DC electrical motors; DC generators Parts of lamps and lighting facilities; Sections of electrical switchgear or regulating equipment; Switchgear for connection to electrical	27.11.4; 27.12.3; 27.11.3; 27.90; 27.11; 27.12; 27.40; 27.11.1; 27.40.4; 27.12.4; 27.12.1; 27.12.2; 27.90.4; 27.90.5; 27.90.8; 27.11.6; 27.90.1; 27.40.3; 27.90.6; 27.33.1; 27.40.2	8504; 8535; 8536	Lightning impulse voltage	- 0 kV to 2250 kV
					Switching pulse voltage	- 750 kV to 1600 kV
					Direct current voltage	- 2 kV to 70 kV
					Alternating voltage	- 0 kV to 950 kV
					Insulation compliance with rated test voltage / Insulation strength	passed/failed -

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.39.		<p>circuits for voltage greater than 1 kV;  Electrical circuit switchgear or protection devices for voltage not greater than 1 kV  Other electrical equipment, not elsewhere classified (including electrical magnets, electromagnetic couplings and brakes, electromagnetic lifting clamps; electrical particle accelerators; electrical signal generators);  Electrical capacitors  Parts of electrical capacitors, electrical resistors, rheostats, and potentiometers;  Parts of electrical motors, generators, and transformers;  Other electrical equipment and its parts;  Other lamps and lighting facilities;  Resistors, except for heating resistors;</p>				



§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.40.		Parts of lamps and lighting equipment; Sections of electrical switchgear or regulating equipment; Electrical circuit switchgear or protection devices for voltage greater than 1 kV; Universal DC and AC electrical motors of power greater than 37.5 W; other AC electrical motors; AC generators (synchronous generators); Other electrical equipment, not elsewhere classified ((including electrical magnets, electromagnetic couplings and brakes, electromagnetic lifting clamps; electrical particle accelerators; electrical signal generators); Electrical capacitors Parts of electrical capacitors,				

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.40.		electrical resistors, and potentiometers; Parts of electrical motors, generators, and transformers; Other electrical equipment and its parts; Other lamps and lighting facilities; Resistors, except for heating resistors; Wiring products; Lamps and lighting facilities; Wiring products;				
1.41.	GOST 1516.2, subclauses 4.1 – 4.5, 7.1 – 7.3, 7.6; Electrophysical investigations (testing); electrophysical investigations (testing) methods without specification	Electrical motors, generators and transformers; Electrical motors of power not greater than 37.5 W; other DC electrical motors; DC generators Universal DC and AC electrical motors of power greater than 37.5 W;	27.11; 27.11.1; 27.11.2; 27.11.3; 27.11.4; 27.11.5; 27.11.6; 27.12; 27.12.1; 27.12.2; 27.12.3; 27.12.4; 27.20; 27.33; 27.33.1; 27.40; 27.40.2; 27.40.3; 27.40.4; 27.40.1; 27.90; 27.90.1; 27.90.4; 27.90.5; 27.90.6; 27.90.7; 27.90.8	8504; 8535; 8536	Radio interference	passed/failed 10 dB to 100 dB
					Alternating voltage test	- 1 kV to 500 kV



§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.41.		other AC electrical motors; AC generators (synchronous generators); Power generating plants and rotary converters; Electrical transformers; Ballast elements for gas-discharge lamps or tubes; static electrical converters; other inductance coils; Parts of electrical motors, generators, and transformers; Electrical switchgear or regulating equipment Electrical circuit switchgear or protection devices for voltage greater than 1 kV; Electrical circuit switchgear or protection devices for voltage not greater than 1 kV; Electrical				

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.41.		circuit switchgear and protection devices; Sections of electrical switchgear or regulating equipment; Batteries and accumulators; Wiring products; Wiring products; Electrical lighting equipment; Lamps and lighting facilities; Other lamps and lighting facilities; Parts of lamps and lighting facilities; Incandescent electrical lamp and gas-discharge lamps; arc lamps; LED lamps; Other electrical equipment; Other electrical equipment and its parts; Other electrical equipment, not elsewhere classified (including electrical magnets, electromagnetic couplings and brakes,				

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.41.		electromagnetic lifting clamps; electrical particle accelerators; electrical signal generators); Electrical capacitors Resistors, except for heating resistors; Electrical signaling devices, electrical equipment to provide traffic safety and control on railways, tramlines, motor roads, inland waterways, parking areas, in port facilities or at aerodromes; Parts of electrical capacitors, electrical resistors, rheostats, and potentiometers;				
1.42.	GOST 1516.2, subclauses 4.1 – 4.5, 7.1 – 7.3, 7.7; Electrophysical investigations (testing); Electrophysical investigations (testing) methods	Electrical transformers; Electrical switchgear or protective equipment packages; Power generating plants	27.11.4; 27.12.3; 27.11. 3; 27.90; 27.11; 27.12; 2 7.40; 27.11.1; 27.40.4; 2 7.12,4; 27.12.1; 27.11.2; 27.12.2; 27.90.4;	8504; 8535; 8536	Absence of visible corona	passed/failed -

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.42.	without specification	and rotary converters; Other electrical equipment; Electrical motors, generators and transformers; Electrical switchgear or regulating equipment; Electrical lighting equipment; Electrical motors of power not greater than 37.5 W; other DC electrical motors; DC generators Parts of lamps and lighting facilities; Sections of electrical switchgear or regulating equipment; Electrical circuit switchgear or protection devices for voltage greater than 1 kV; Universal DC and AC electrical motors of power greater than 37.5 W;	27.90.5; 27.31.1; 27.90. 8; 27.20.2; 27.11.6; 27.9 0.1; 27.40.3; 27.90.6; 27. 33.1; 27.40.2; 27.33		Alternating voltage	- 1 kV to 950 kV

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.42.		other AC electrical motors; AC generators (synchronous generators); Electrical circuit switchgear or protection devices for voltage not greater than 1 kV; Other electrical equipment, not elsewhere classified (electromagnetic lifting clamps; electrical particle accelerators; electrical signal generators); Electrical capacitors; Fibre optic cables; Parts of electrical capacitors, electrical resistors, rheostats, and potentiometers; Electrical accumulators and their parts; Parts of electrical motors, generators, and transformers;				

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.42.		Other electrical equipment and its parts; Other lamps and lighting facilities; Resistors, except for heating resistors; Wiring products; Lamps and lighting facilities; Wiring products;				
1.43.	GOST 14794, subclause 6.1; Non-destructive testing; exterior inspection and measurements	Electrical transformers; Liquid-filled transformers; Other transformers of power greater than 16 kVA; Other transformers of power not greater than 16 kVA; Reactors, including concrete current-limiting reactors;	27.11,4; 27.11.41; 27.11 ,43; 27.11.42	850450	Overall dimensions	- 1 mm to 10000 mm
					Setting dimensions	- 1 mm to 10000 mm
					Structure	compliant/noncompliant -

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.44.	GOST 14794, subclause 6.2; Electrophysical investigations (testing); electrophysical investigations (testing) methods without specification	Electrical transformers; Reactors, including concrete current-limiting reactors; Liquid-filled transformers; Other transformers of power not greater than 16 kVA; ther transformers of power greater than 16 kVA;	27.11.4; 27.11.41; 27.11.42; 27.11.43	850450	Inductive resistance	Calculated rate: -
					Direct current resistance	- 0.000001 Ωm to 199.9 Ωm
					Alternating voltage	- 0 kV to 950 kV
					Alternatibg current	- 0 A to 6000A
1.45.	GOST 14794, subclause 6.7; Electrophysical investigations (testing); electrophysical investigations (testing) methods without specification	Electrical transformers; Reactors, including concrete current-limiting reactors; Liquid-filled transformers; Other transformers of power not greater than 16 kVA;	27.11.4; 27.11.41; 27.11.42; 27.11.43	850450	Coupling coefficient	Calculated rate: -

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.45.		Other transformers of power greater than 16 kVA;			Inductive resistance	- 0 kΩm to 30 kΩm
1.46.	GOST 14794, subclause 6.8; Electrophysical investigations (testing); electrophysical investigations (testing) methods without specification	Electrical transformers; Reactors, including concrete current-limiting reactors; Liquid-filled transformers; Other transformers of power not greater than 16 kVA; Other transformers of power greater than 16 kVA;	27.11,4; 27.11.41; 27.11 ,42; 27.11.43	850450	Transformer losses	- 0 kW to 40 kW
1.47.	GOST 14794, subclause 6.10; Electrophysical investigations (testing); electrophysical investigations (testing) methods without specification	Electrical transformers; Reactors, including concrete current-limiting reactors; Liquid-filled transformers; Other transformers of power not greater than 16 kVA; Other transformers of power greater than 16 kVA;	27.11,4; 27.11.41; 27.11 ,42; 27.11.43	850450	Current distribution in parallel winding wires	- 0 A to 630A



§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.48.	GOST 14794, subclause 6.11 Electrophysical investigations (testing); electrophysical investigations (testing) methods without specification	Electrical transformers; Reactors, including concrete current-limiting reactors; Liquid-filled transformers; Other transformers of power not greater than 16 kVA; Other transformers of power greater than 16 kVA;	27.11,4; 27.11.41; 27.11 ,42; 27.11.43	850450	Temperature rise	Calculated rate: -
					Transformer losses	- 0 kW to 40 kW
					Alternating current	- 0 A to 6000A
					Frequency	- 5 Hz to 100 Hz
					Alternating voltage	- 0 kV to 35 kV

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.48.					Temperature	- 0 °C to 300 °C
					Coolant temperature	- 0 °C to 300 °C
					Heat resistance	passed/failed -
1.49.	GOST 8008, subclause 4; Electrophysical investigations (testing); electrophysical investigations (testing) methods without specification	Electrical transformers; Liquid-filled transformers; Other transformers of power not greater than 16 kVA; Other transformers of power greater than 16 kVA; Power transformers;	27.11,4; 27.11.41; 27.11 ,42; 27.11.43	8504210000; 850422; 85 04229000; 8504221000; 850423000; 850431; 850 431800; 850432000; 850 4320001; 850433000; 85 04340000	Resistance of current-conducting circuit elements	- 10 <sup>-6</sup> Ωm to 199.9 Ωm
					Test current	- 10 <sup>-4</sup> A to 100A

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.50.	GOST 8008, subclause 6; Electrophysical investigations (testing); electrophysical investigations (testing) methods without specification	Electrical transformers; Liquid-filled transformers; Other transformers of power not greater than 16 kVA; Other transformers of power greater than 16 kVA; Power transformers;	27.11,4; 27.11.41; 27.11 ,42; 27.11.43	8504210000; 850422; 85 04229000; 8504221000; 850423000; 850431; 850 431800; 850432000; 850 4320001; 850433000; 85 04340000	Insulation strength	passed/failed -
					Lightning impulse voltage	- 0 kV to 2250 kV
					Power-frequency voltage	- 0 to 950
1.51.	GOST 8008, subclause 7; Electrophysical investigations (testing); electrophysical investigations (testing) methods without specification	Electrical transformers; Liquid-filled transformers; Other transformers of power not greater than 16 kVA; Other transformers of power greater than 16 kVA; Power transformers;	27.11,4; 27.11.41; 27.11 ,42; 27.11.43	8504210000; 850422; 85 04229000; 8504221000; 850423000; 850431; 850 431800; 850432000; 850 4320001; 850433000; 85 04340000	Heating of current-conducting circuit elements	passed/failed -
					Temperature rise	Calculated rate: -

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.51.					Temperature	- 0 °C to 300 °C
1.52.	GOST 10390, subclauses 4.2, 4.5 – 4.11, clause 5; subclauses 6.1 – 6.10, 6.12.1, 6.17; Electrophysical investigations (testing); electrophysical investigations (testing) methods without specification	Electrical switchgear or regulating equipment Other electronic and electrical leads and cables; Other electrical equipment;	27.12; 27.32; 27.90	8535; 8536; 8546	Power-frequency voltage	- 0 kV to 950 kV
					External insulation strength in conditions of contamination	passed/failed -
1.53.	GOST 10390, subclauses 4.2, 4.5 – 4.11, clause 5; subclauses 6.1 – 6.16, 6.19, 6.20; Electrophysical investigations (testing); electrophysical investigations (testing) methods without specification	Electrical switchgear or regulating equipment; Other electronic and electrical leads and cables; Other electrical equipment;	27.12; 27.32; 27.90	8535; 8536; 8546	50% discharge voltage in conditions of contamination	passed/failed -
					Power-frequency voltage	- 0 kV to 950 kV

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.54.	GOST 9920-89 (ST SEV 6465- 88, MEK 815-86, MEK 694- 80), subclause 2.2; Non-destructive testing; other non-destructive testing methods	Electrical motors, generators and transformers; Electrical motors of power not greater than 37.5 W; other DC electrical motors; DC generators; Universal DC and AC electrical motors of power greater than 37.5 W; other AC electrical motors; AC generators (synchronous generators); Power generating plants and rotary converters; Electrical transformers; Ballast elements for gas-discharge lamps or tubes; static electrical converters; other inductance coils; Parts of electrical motors, generators, and transformers;	27.11; 27.11.1; 27.11.2; 27.11.3; 27.11.4; 27.11. 5; 27.11,6; 27.12; 27.12.1; 27.12,2; 27.12.3; 27.1 2,4; 27.20; 27.20.1; 27.2 0.2; 27.31; 27.31.1; 27.3 2; 27.32.1; 27.33; 27.33.1; 27.40; 27.40.2; 27.40. 3; 27.40.4; 27.40.1; 27.5 1; 27.51.1; 27.51.2; 27.5 1.3; 27.52; 27.52.1; 27.5 2.2; 27.90; 27.90.1; 27.9 0.2; 27.90.3; 27.90.4; 27.90.5; 27.90.6; 27.90.7; 2 7.90.8	8504; 8535; 8536; 8546	Leakage path length	- 0 mm to 15000 mm

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.54.		Electricalal switchgear or regulating equipment; Electrical circuit switchgear or protection devices for voltage greater than 1 kV; Electrical circuit switchgear or protection devices for voltage not greater than 1 kV; Electricalal switchgear or protective equipment packages; Sections of electrical switchgear or regulating equipment; Batteries and accumulators; Primary elements, primary batteries, and their parts; Electrical accumulators and their parts; Fiber optic cables; Fiber optic cables; Other electronic and electrical leads and cables; Other electronic and electrical leads and cables				

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.54.		Wiring products; Electrical lighting equipment; Lamps and lighting facilities; Other lamps and lighting facilities; Parts of lamps and lighting facilities; Incandescent electrical lamp and gas-discharge lamps; arc lamps; LED lamps; Electrical appliances; Refrigerators and freezers; washing machines; electrical blankets; fans; Other electrical appliances, not elsewhere classified; Parts of appliances; Nonelectrical appliances; Nonelectrical appliances				

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.54.		for food preparation and heating; Parts of furnaces, stoves, plate heaters and similar nonelectrical appliances; Other electrical equipment; Other electrical equipment and its parts; Liquid-crystalline or light-emitting diode indicative plates; sound or light signaling electrical equipment; Electrical tools for soft and hard soldering and welding, machines and apparatus for surface heat treatment and thermal spraying; Other electrical equipment, not elsewhere classified (electromagnetic lifting clamps;				



§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.54.		electrical particle accelerators; electrical signal generators); Electrical capacitors; Resistors, except for heating resistors; Electrical signaling devices, electrical equipment to provide traffic safety and control on railways, tramlines, motor roads, inland waterways, parking areas, in port facilities or at aerodromes; Parts of electrical capacitors, electrical resistors, rheostats, and potentiometers; Power circuit-breakers; Packaged transformer substations; Disconnecting switches and earthing switches, isolating switches and short-circuiting switches; Dischargers and overvoltage suppressor;; Current transformers;				

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.54.		Voltage transformers; Switchgear; Capacitors and capacitor units;				
1.55.	GOST 8024, subclause 2.1; Electrophysical investigations (testing); electrophysical investigations (testing) methods without specification	Electrical motors, generators and transformers; Electrical motors of power not greater than 37.5 W; other DC electrical motors; DC generators; Universal DC and AC electrical motors of power greater than 37.5 W; other AC electrical motors; AC generators (synchronous generators); Power generating plants and rotary converters; Electrical transformers;	27.11; 27.11.1; 27.11.2; 27.11.3; 27.11.4; 27.11. 5; 27.11.6; 27.12; 27.12. 1; 27.12.2; 27.12.3; 27.1 2.4; 27.20; 27.20.1; 27.2 0.2; 27.31; 27.31.1; 27.3 2; 27.32.1; 27.33; 27.33. 1; 27.40; 27.40.2; 27.40. 3; 27.40.4; 27.40.1; 27.5 1; 27.51.1; 27.51.2; 27.5 1.3; 27.52; 27.52.1; 27.5 2.2; 27.90; 27.90.1; 27.9 0.2; 27.90.3; 27.90.4; 27. 90.5; 27.90.6; 27.90.7; 2 7.90.8	8504; 8535; 8536; 8546	Temperature rise	Calculated rate: -
					Temperature	- -40 °C to 300 °C
					Ambient temperature	- -40 °C to 85 °C
					Test current	- 0 A to 5000 A

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.55.		Ballast elements for gas-discharge lamps or tubes; static electrical converters; other inductance coils; Parts of electrical motors, generators, and transformers; Electrical switchgear or regulating equipment; Electrical circuit switchgear or protection devices for voltage greater than 1 kV; Electrical circuit switchgear or protection devices for voltage not greater than 1 kV; Electrical switchgear or protective equipment packages; Sections of electrical switchgear or regulating equipment; Batteries and accumulators; Primary elements, primary batteries, and their parts; Electrical accumulators and their parts;				

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.55.		Fibre optic cables; Fibre optic cables; Other electronic and electrical leads and cables; Other electronic and electrical leads and cables; Wiring products; Wiring products; Electricalal lighting equipment; Lamps and lighting facilities; Other lamps and lighting facilities; Parts of lamps and lighting facilities; Incandescent electrical lamp and gas-discharge lamps; arc lamps; LED lamps; Electrical appliances; Refrigerators and freezers; washing machines; electrical blankets; fans;				

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.55.		Other electrical appliances, not elsewhere classified; Parts of appliances; Nonelectrical appliances; Nonelectrical appliances for food preparation and heating; Parts of furnaces, stoves, plate heaters and similar nonelectrical appliances; Other electrical equipment; Other electrical equipment and its parts; Liquid-crystalline or light-emitting diode indicative plates; sound or light signaling electrical equipment; Electrical tools for soft and hard soldering and welding, machines and apparatus for surface heat treatment and thermal spraying				

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.55.		Other electrical equipment, not elsewhere classified (including electrical magnets, electromagnetic couplings and brakes, electromagnetic lifting clamps; electrical particle accelerators; electrical signal generators); Electrical capacitors Resistors, except for heating resistors; Electrical signaling devices, electrical equipment to provide traffic safety and control on railways, tramlines, motor roads, inland waterways, parking areas, in port facilities or at aerodromes; Parts of electrical capacitors, electrical resistors, rheostats, and potentiometers; Packaged				

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.55.		transformer substations; Power circuit-breakers; Disconnecting switches and earthing switches, isolating switches and short-circuiting switches; Current transformers; Sulphur hexafluoride-insulated switchgear; Single-end service assembled chamber;				
1.56.	GOST 8024, subclause 2.2; Electrophysical investigations (testing); electrophysical investigations (testing) methods without specification	Electrical motors, generators and transformers; Electrical motors of power not greater than 37.5 W; other DC electrical motors; DC generators; Universal DC and AC electrical motors of power greater than 37.5 W; other AC electrical motors; AC generators (synchronous generators);	27J11; 27J11.1; 27J11.2; 27J11.3; 27J11.4; 27J11.5; 27.11.6; 27.12; 27.12.1; 27.12.2; 27.12.3; 27.12.4; 27.20; 27.20.1; 27.20.2; 27.31; 27.31.1; 27.31.2; 27.32.1; 27.33; 27.33.1; 27.40; 27.40.1; 27.40.2; 27.40.3; 27.40.4; 27.40.5; 27.51.1; 27.51.2; 27.51.3	8504; 8535; 8536; 8546	Ambient temperature	-40 °C to 85 °C

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.56.		Power generating plants and rotary converters; Electrical transformers; Ballast elements for gas-discharge lamps or tubes; static electrical converters; other inductance coils; Parts of electrical motors, generators, and transformers; Electrical switchgear or regulating equipment; Electrical circuit switchgear or protection devices for voltage greater than 1 kV; Electrical circuit switchgear or protection devices for voltage not greater than 1 kV Electrical switchgear or protective equipment packages; Sections of electrical switchgear or regulating equipment;				



§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.56.		Batteries and accumulators; Primary elements, primary batteries, and their parts; Electrical accumulators and their parts; Fibre optic cables; Fibre optic cables; Other electronic and electrical leads and cables; Other electronic and electrical leads and cables; Wiring products; Wiring products; Electricalal lighting equipment; Lamps and lighting facilities; Other lamps and lighting facilities; Parts of lamps and lighting facilities; Incandescent electrical lamp and gas-discharge lamps; arc lamps; LED lamps;				

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.56.		Electrical appliances; Refrigerators and freezers; washing machines; electrical blankets; fans; Other electrical appliances, not elsewhere classified; Parts of appliances; Nonelectrical appliances; Nonelectrical appliances for food preparation and heating; Parts of furnaces, stoves, plate heaters and similar nonelectrical appliances; Other electrical equipment; Other electrical equipment and its parts; Liquid-crystalline or light-emitting diode indicative plates; sound or light signaling electrical equipment;				

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.56.		<p>Electrical tools for soft and hard soldering and welding, machines and apparatus for surface heat treatment and thermal spraying;</p> <p>Other electrical equipment, not elsewhere classified (including electrical magnets, electromagnetic couplings and brakes, electromagnetic lifting clamps; electrical particle accelerators; electrical signal generators);</p> <p>Electrical capacitors;</p> <p>Resistors, except for heating resistors;</p> <p>Electrical signaling devices,</p> <p>Electrical equipment to provide traffic safety and control on railways, tramlines, motor roads, inland waterways, parking areas, in port facilities</p>				

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.56.		or at aerodromes; Parts of electrical capacitors, electrical resistors, rheostats, and potentiometers; Packaged transformer substations; Power circuit-breakers; Disconnecting switches and earthing switches, isolating switches and short-circuiting switches; Current transformers; Sulphur hexafluoride-insulated switchgear; Single-end service assembled chamber;				
1.57.	GOST 8024, subclause 2.3; Thermotechnical tests; temperature measurement	Electrical motors, generators and transformers; Electrical motors of power not greater than 37.5 W; other DC electrical motors; DC generators Universal AC and DC electrical motors	27.11; 27.11.1; 27.11.2; 27.11.3; 27.11.4; 27.11.5; 27.11.6; 27.12; 27.12.1; 27.12.2; 27.12.3; 27.12.4; 27.20; 27.20.1; 27.20.2; 27.31; 27.31.1; 27.32.1; 27.33; 27.33.1; 27.40; 27.40.2; 27.40.3; 27.40.4; 27.40.1; 27.51; 27.51.1; 27.51.2; 27.51.3; 27.52; 27.52.1;	8504; 8535; 8536; 8546	Temperature measured by thermometer	-40 °C to 100 °C

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.57.		of power greater than 37.5 W; other AC electrical motors; AC generators (synchronous generators); Power generating plants and rotary converters; Electrical transformers; Ballast elements for gas-discharge lamps or tubes; static electrical converters; other inductance coils; Parts of electrical motors, generators, and transformers; Electrical switchgear or regulating equipment; Electrical circuit switchgear or protection devices for voltage greater than 1 kV; Electrical circuit switchgear or protection devices for voltage not greater than 1 kV;	27.52.2; 27.90; 27.90.1; 27.90.2; 27.90.3; 27.90. 4; 27.90.5; 27.90.6; 27.9 0.7; 27.90.8			

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.57.		Electricalal switchgear or protective equipment packages; Sections of electrical switchgear or regulating equipment; Batteries and accumulators; Primary elements, primary batteries, and their parts; Electrical accumulators and their parts; Fiber optic cables; Fiber optic cables; Other electronic and electrical leads and cables; Other electronic and electrical leads and cables; Wiring products; Wiring products; Electricalal lighting equipment; Lamps and lighting facilities; Other lamps and lighting facilities;				

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.57.		Parts of lamps and lighting equipment; Electrical filament lamps or gas-discharge lamps; arc lamps; LED lamps; Electrical appliances; Refrigerators and freezers; washing machines; electrical blankets; fans; Other electrical appliances, not elsewhere classified; Parts of appliances; Nonelectrical appliances; Nonelectrical appliances for food preparation and heating; Parts of furnaces, stoves, plate heaters and similar nonelectrical appliances; Other electrical equipment; Other electrical equipment and its parts;				

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.57.		<p>Liquid-crystalline or light-emitting diode indicative plates; sound or light signaling electrical equipment;</p> <p>Electrical tools for soft and hard soldering and welding, machines and apparatus for surface heat treatment and thermal spraying;</p> <p>Other electrical equipment, not elsewhere classified (including electrical magnets, electromagnetic couplings and brakes, electromagnetic lifting clamps; electrical particle accelerators; electrical signal generators);</p> <p>Electrical capacitors;</p> <p>Resistors, except for heating resistors; Electrical signaling devices, electrical equipment to provide traffic safety and control;</p>				



§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.57.		on railways, tramlines, motor roads, inland waterways, parking areas, in port facilities or at aerodromes; Parts of electrical capacitors, electrical resistors, rheostats, and potentiometers; Sulphur hexafluoride-insulated switchgear;				
1.58.	GOST 8024, subclause 2.4; Electrophysical investigations (testing); electrophysical investigations (testing) methods without specification	Electrical motors, generators and transformers; Electrical motors of power not greater than 37.5 W; other DC electrical motors; DC generators Universal DC and AC electrical motors of power greater than 37.5 W; other AC electrical motors; AC generators (synchronous generators);	27.11; 27.11.1; 27.11.2; 27.11.3; 27.11.4; 27.11. 5; 27.11.6; 27.12; 27.12.1; 27.12.2; 27.12.3; 27.1 2.4; 27.20; 27.20.1; 27.2 0.2; 27.31; 27.31.1; 27.3 2; 27.32.1; 27.33; 27.33.1; 27.40; 27.40.2; 27.40. 3; 27.40.4; 27.40.1; 27.5 1; 27.51.1; 27.51.2; 27.5 1.3; 27.52; 27.52.1; 27.5 2.2; 27.90; 27.90.1; 27.9 0.2; 27.90.3; 27.90.4; 27.	8504; 8535; 8536; 8546	Temperature measured by thermocouple	-40 °C to 300 °C

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.58.		Power generating plants and rotary converters; Electrical transformers; Ballast elements for gas-discharge lamps or tubes; static electrical converters; other inductance coils; Parts of electrical motors, generators, and transformers; Electrical switchgear or regulating equipment; Electrical circuit switchgear or protection devices for voltage greater than 1 kV; Electrical circuit switchgear or protection devices for voltage not greater than 1 kV; Electrical switchgear or protective equipment packages; Sections of electrical switchgear or				

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.58.		regulating equipment; Batteries and accumulators; Primary elements, primary batteries, and their parts; Electrical accumulators and their parts; Fibre optic cables; Fibre optic cables; Other electronic and electrical leads and cables; Other electronic and electrical leads and cables; Wiring products; Wiring products; Electricalal lighting equipment; Lamps and lighting facilities; Other lamps and lighting facilities; Parts of lamps and lighting facilities; Incandescent electrical lamp and gas-discharge lamps; arc lamps;				

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.58.		LED lamps; Electrical appliances; Refrigerators and freezers; washing machines; electrical blankets; fans; Other electrical appliances, not elsewhere classified; Parts of appliances; Nonelectrical appliances; Nonelectrical appliances for food preparation and heating; Parts of furnaces, stoves, plate heaters and similar nonelectrical appliances; Other electrical equipment; Other electrical equipment and its parts; Liquid-crystalline or light-emitting diode indicative plates; Sound or light signaling electrical equipment;				

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.58.		Electrical tools for soft and hard soldering and welding, machines and apparatus for surface heat treatment and thermal spraying; Other electrical equipment, not elsewhere classified (including electrical magnets, electromagnetic couplings and brakes, electromagnetic lifting clamps; electrical particle accelerators; electrical signal generators); Electrical capacitors; Resistors, except for heating resistors; Electrical signaling devices, electrical equipment to provide traffic safety and control on railways, tramlines, motor roads, inland waterways, parking areas,				



§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.59.		Electrical transformers; Ballast elements for gas-discharge lamps or tubes; static electrical converters; other inductance coils; Parts of electrical motors, generators, and transformers; Electrical switchgear or regulating equipment; Electrical circuit switchgear or protection devices for voltage greater than 1 kV; Electrical circuit switchgear or protection devices for voltage not greater than 1 kV; Electrical switchgear or protective equipment packages; Sections of electrical switchgear or regulating equipment; Batteries and accumulators; Primary elements, primary batteries, and their parts;				

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.59.		Electrical accumulators and their parts; Fibre optic cables; Fibre optic cables; Other electronic and electrical leads and cables; Other electronic and electrical leads and cables; Wiring products; Wiring products; Electrical lighting equipment; Lamps and lighting facilities; Other lamps and lighting facilities; Parts of lamps and lighting equipment; Incandescent electrical lamp and gas-discharge lamps; arc lamps; LED lamps; Electrical appliances; Refrigerators and freezers; washing				



§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.59.		machines; electrical blankets; fans; Other electrical appliances, not elsewhere classified; Parts of appliances; Nonelectrical appliances; Nonelectrical appliances for food preparation and heating; Parts of furnaces, stoves, plate heaters and similar nonelectrical appliances; Other electrical equipment; Other electrical equipment and its parts; Liquid-crystalline or light-emitting diode indicative plates; sound or light signaling electrical equipment; Electrical tools for soft and hard soldering and welding, machines and apparatus for surface;				

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.59.		heat treatment and thermal spraying; Other electrical equipment, not elsewhere classified (including electrical magnets, electromagnetic couplings and brakes, electromagnetic lifting clamps; electrical particle accelerators; electrical signal generators); Electrical capacitors; Resistors, except for heating resistors; Electrical signaling devices, electrical equipment to provide traffic safety and control on railways, tramlines, motor roads, inland waterways, parking areas, in port facilities or at aerodromes; Parts of electrical capacitors, electrical resistors,				

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.59.		rheostats, and potentiometers; Sulphur hexafluoride-insulated switchgear;				
1.60.	GOST 8024, subclause 2.6; Electrophysical investigations (testing); electrophysical investigations (testing) methods without specification	Electrical motors, generators and transformers; Electrical motors of power not greater than 37.5 W; other DC electrical motors; DC generators; Universal DC and AC electrical motors of power greater than 37.5 W; other AC electrical motors; AC generators (synchronous generators); Power generating plants and rotary converters; Electrical transformers; Ballast elements for gas-discharge lamps or tubes; static	27.11; 27.11.1; 27.11.2; 27.11.3; 27.11.4; 27.11. 5; 27.11.6; 27.12; 27.12.1; 27.12.2; 27.12.3; 27.1 2,4; 27.20; 27.20.1; 27.2 0.2; 27.31; 27.31.1; 27.3 2; 27.32.1; 27.33; 27.33.1; 27.40; 27.40.2; 27.40. 3; 27.40.4; 27.40.1; 27.5 1; 27.51.1; 27.51.2; 27.5 1.3; 27.52; 27.52.1; 27.5 2.2; 27.90; 27.90.1; 27.9 0.2; 27.90.3; 27.90.4; 27.90.5; 27.90.6; 27.90.7; 2 7.90.8	8504; 8535; 8536; 8546	Resistance	- 0.000001 Ωm to 199.9 Ωm

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.60.		electrical converters; other inductance coils; Parts of electrical motors, generators, and transformers; Electricalal switchgear or regulating equipment; Electrical circuit switchgear or protection devices for voltage greater than 1 kV; Electrical circuit switchgear or protection devices for voltage not greater than 1 kV; Electricalal switchgear or protective equipment packages; Sections of electrical switchgear or regulating equipment; Batteries and accumulators; Primary elements, primary batteries, and their parts; Electrical accumulators and their parts; Fiber optic cables; Fibre optic cables;				

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.60.		Other electronic and electrical leads and cables; Other electronic and electrical leads and cables; Wiring products; Wiring products; Electrical lighting equipment; Lamps and lighting facilities; Other lamps and lighting facilities; Parts of lamps and lighting equipment; Incandescent electrical lamp and gas-discharge lamps; arc lamps; LED lamps; Electrical appliances; Refrigerators and freezers; washing machines; electrical blankets; fans; Other electrical appliances, not elsewhere classified;				

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.60.		Parts of appliances; Nonelectrical appliances; Nonelectrical appliances for food preparation and heating; Parts of furnaces, stoves, plate heaters and similar nonelectrical appliances; Other electrical equipment; Other electrical equipment and its parts; Liquid-crystalline or light-emitting diode indicative plates; sound or light signaling electrical equipment; Electrical tools for soft and hard soldering and welding, machines and apparatus for surface heat treatment and thermal spraying Other electrical equipment, not elsewhere classified				

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.60.		(including electrical magnets, electromagnetic couplings and brakes, electromagnetic lifting clamps; electrical particle accelerators; electrical signal generators); Electrical capacitors; Resistors, except for heating resistors; Electrical signaling devices, electrical equipment to provide traffic safety and control on railways, tramlines, motor roads, inland waterways, parking areas, in port facilities or at aerodromes; Parts of electrical capacitors, electrical resistors, rheostats, and potentiometers; Sulphur hexafluoride-insulated switchgear;				

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.61.	GOST R 55194, subclauses 4.1, 4.4, 4.5 clauses 5, 6, subclauses 7.1 – 7.5, clause 8; Electrophysical investigations (testing); electrophysical investigations (testing) methods without specification	Electrical motors, generators and transformers; Electrical motors of power not greater than 37.5 W; other DC electrical motors; DC generators; Universal DC and AC electrical motors of power greater than 37.5 W; other AC electrical motors; AC generators (synchronous generators); Power generating plants and rotary converters; Electrical transformers; Ballast elements for gas-discharge lamps or tubes; static electrical converters; other inductance coils; Parts of electrical motors, generators, and transformers;	27.11; 27.11.1; 27.11.2; 27.11.3; 27.11.4; 27.11.5; 27.11.6; 27.12; 27.12.1; 27.12.2; 27.12.3; 27.12.4; 27.20; 27.20.1; 27.20.2; 27.31; 27.31.1; 27.32; 27.32.1; 27.33; 27.33.1; 27.40; 27.40.2; 27.40.3; 27.40.4; 27.40.1; 27.51; 27.51.1; 27.51.2; 27.51.3; 27.52; 27.52.1; 27.52.2; 27.90; 27.90.1; 27.90.2; 27.90.3; 27.90.4; 27.90.5; 27.90.6; 27.90.7; 27.90.8	8504; 8535; 8536; 8546	Insulation compliance with rated test voltage / Insulation strength	passed/failed
					Alternating voltage	- 0 kV to 950 kV
					Direct current voltage	- 2 kV to 70 kV
					Switching impulse voltage	- 750 kV to 1600 kV
					Lightning impulse voltage	- 0 kV to 2250 kV



§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.61.		Electricalal switchgear or regulating equipment; Electrical circuit switchgear or protection devices for voltage greater than 1 kV; Electrical circuit switchgear or protection devices for voltage not greater than 1 kV; Electricalal switchgear or protective equipment packages; Sections of electrical switchgear or regulating equipment; Batteries and accumulators; Primary elements, primary batteries, and their parts; Electrical accumulators and their parts; Fiber optic cables; Fiber optic cables; Other electronic and electrical leads and cables; Other electronic and electrical leads and cables;				

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.61.		Wiring products; Wiring products; Electrical lighting equipment; Lamps and lighting facilities; Other lamps and lighting facilities; Parts of lamps and lighting facilities; Incandescent electrical lamp and gas-discharge lamps; arc lamps; LED lamps; Electrical appliances; Refrigerators and freezers; washing machines; electrical blankets; fans; Other electrical appliances, not elsewhere classified; Parts of appliances; Nonelectrical appliances; Nonelectrical appliances				

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.61.		<p>for food preparation and heating;</p> <p>Parts of furnaces, stoves, plate heaters and similar nonelectrical appliances;</p> <p>Other electrical equipment;</p> <p>Other electrical equipment and its parts;</p> <p>Liquid-crystalline or light-emitting diode indicative plates; sound or light signaling electrical equipment;</p> <p>Electrical tools for soft and hard soldering and welding, machines and apparatus for surface heat treatment and thermal spraying;</p> <p>Other electrical equipment, not elsewhere classified (including electrical magnets, electromagnetic couplings and brakes, electromagnetic lifting clamps; electrical particle accelerators; electrical signal generators);</p>				

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.61.		electrical particle accelerators; electrical signal generators); Electrical capacitors; Resistors, except for heating resistors; Electrical signaling devices, electrical equipment to provide traffic safety and control on railways, tramlines, motor roads, inland waterways, parking areas, in port facilities or at aerodromes; Parts of electrical capacitors, electrical resistors, rheostats, and potentiometers;				
1.62.	GOST R 55194, subclauses 4.1,4.4, 7.1 – 7.4, 7.6; Electrophysical investigations (testing); electrophysical investigations (testing) methods without specification	Electrical motors, generators and transformers; Electrical motors of power not greater than 37.5 W; other DC electrical motors; DC generators	27.11; 27.11.1; 27.11.2; 27.11.3; 27.11.4; 27.11. 5; 27.11.6; 27.12; 27.12. 1; 27.12.2; 27.12.3; 27.1 2,4; 27.20; 27.20.1; 27.2 0.2; 27.31; 27.31.1; 27.3 2; 27.32.1; 27.33; 27.33.	8504; 8535; 8536; 8546	Insulation strength to thermal break-down	passed/failed -

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.62.		Universal DC and AC electrical motors of power greater than 37.5 W; other AC electrical motors; AC generators (synchronous generators); Power generating plants and rotary converters; Electrical transformers; Ballast elements for gas-discharge lamps or tubes; static electrical converters; other inductance coils; Parts of electrical motors, generators, and transformers; Electrical switchgear or regulating equipment; Electrical circuit switchgear or protection devices for voltage greater than 1 kV;	27.40.2; 27.40.3; 27.40.4; 27.40.1; 27.51; 27.51.1; 27.51.2; 27.51.3; 27.52; 27.52.1; 27.52.2; 27.90; 27.90.1; 27.90.2; 27.90.3; 27.90.4; 27.90.5; 27.90.6; 27.90.7; 27.90.8		Alternating voltage	- 0 kV to 500 kV

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.62.		Electrical circuit switchgear or protection devices for voltage not greater than 1 kV; Electricalal switchgear or protective equipment packages; Sections of electrical switchgear or regulating equipment; Batteries and accumulators; Primary elements, primary batteries, and their parts; Electrical accumulators and their parts; Fiber optic cables; Fiber optic cables; Other electronic and electrical leads and cables; Other electronic and electrical leads and cables; Wiring products; Wiring products; Electricalal lighting equipment; Lamps and				

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.62.		lighting facilities; Other lamps and lighting facilities; Parts of lamps and lighting equipment; Incandescent electrical lamp and gas-discharge lamps; arc lamps; LED lamps; Electrical appliances; Refrigerators and freezers; washing machines; electrical blankets; fans; Other electrical appliances, not elsewhere classified; Parts of appliances; Nonelectrical appliances; Nonelectrical appliances for food preparation and heating; Parts of furnaces, stoves, plate heaters and similar nonelectrical appliances;				

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.62.		Other electrical equipment; Other electrical equipment and its parts; Liquid-crystalline or light-emitting diode indicative plates; sound or light signaling electrical equipment; Electrical tools for soft and hard soldering and welding, machines and apparatus for surface heat treatment and thermal spraying; Other electrical equipment, not elsewhere classified (including electrical magnets, electromagnetic couplings and brakes, electromagnetic lifting clamps; electrical particle accelerators; electrical signal generators); Electrical capacitors; Resistors, except for heating resistors; Electrical signaling devices,				



§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.62.		electrical equipment to provide traffic safety and control on railways, tramlines, motor roads, inland waterways, parking areas, in port facilities or at aerodromes; Parts of electrical capacitors, electrical resistors, rheostats, and potentiometers;				
1.63.	GOST R 55194, subclauses 4.1 – 4.4, 7.1 – 7.4, 7.7; Electrophysical investigations (testing); electrophysical investigations (testing) methods without specification	Electrical motors, generators and transformers; Electrical motors of power not greater than 37.5 W; other DC electrical motors; DC generators; Universal DC and AC electrical motors of power greater than 37.5 W; other AC electrical motors; AC generators (synchronous	27.11; 27.11.1; 27.11.2; 27.11.3; 27.11.4; 27.11. 5; 27.11.6; 27.12; 27.12.1; 27.12.2; 27.12.3; 27.1 2,4; 27.20; 27.20.1; 27.2 0.2; 27.31; 27.31.1; 27.3 2; 27.32.1; 27.33; 27.33.1; 27.40; 27.40.2; 27.40. 3; 27.40.4; 27.40.1; 27.5 1; 27.51.1; 27.51.2; 27.5 1.3; 27.52; 27.52.1; 27.5 2.2; 27.90; 27.90.1; 27.9 0.2;	8504; 8535; 8536; 8546	Radio interference	passed/failed 10 dB to 100 dB
					Alternating voltage	- 0 kV to 500 kV

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.63.		generators); Power generating plants and rotary converters; Electrical transformers; Ballast elements for gas-discharge lamps or tubes; static electrical converters; other inductance coils; Parts of electrical motors, generators, and transformers; Electrical switchgear or regulating equipment; Electrical circuit switchgear or protection devices for voltage greater than 1 kV; Electrical circuit switchgear or protection devices for voltage not greater than 1 kV; Electrical switchgear or protective equipment packages; Parts of electrical switchgear	27.90.8			

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.63.		or regulating equipment; Batteries and accumulators; Primary elements, primary batteries, and their parts; Electrical accumulators and their parts; Fibre optic cables; Fibre optic cables; Other electronic and electrical leads and cables; Other electronic and electrical leads and cables; Wiring products; Wiring products; Electricalal lighting equipment; Lamps and lighting facilities; Other lamps and lighting facilities; Parts of lamps and lighting facilities; Electrical filament lamps or gas-discharge lamps;				

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.63.		arc lamps; LED lamps; Electrical appliances; Refrigerators and freezers; washing machines; electrical blankets; fans; Other electrical appliances прочие, not elsewhere classified; Parts of appliances; Nonelectrical appliances; Nonelectrical appliances for food preparation and heating; Parts of furnaces, stoves, plate heaters and similar nonelectrical appliances; Other electrical equipment; Other electrical equipment and its parts; Liquid-crystalline or light-emitting diode indicative plates; sound or light signaling electrical equipment;				

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.63.		<p>Electrical tools for soft and hard soldering and welding, machines and apparatus for surface heat treatment and thermal spraying</p> <p>Other electrical equipment, not elsewhere classified (including electrical magnets, electromagnetic couplings and brakes, electromagnetic lifting clamps; electrical particle accelerators; electrical signal generators);</p> <p>Electrical capacitors;</p> <p>Resistors, except for heating resistors;</p> <p>Electrical signaling devices, electrical equipment to provide traffic safety and control on railways, tramlines, motor roads, inland waterways, parking areas, in port facilities or at aerodromes,</p>				

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.63.		parking areas, in port facilities or at aerodromes; Parts of electrical capacitors, electrical resistors, rheostats, and potentiometers;				
1.64.	GOST R 55194, subclauses 4.1 – 4.4, 7.1 – 7.4, 7.8; Electrophysical investigations (testing); electrophysical investigations (testing) methods without specification	Electrical motors, generators and transformers; Electrical motors of power not greater than 37.5 W; other DC electrical motors; DC generators; Universal DC and AC electrical motors of power greater than 37.5 W; other AC electrical motors; AC generators (synchronous generators); Power generating plants and rotary converters; Electrical transformers;	27.11; 27.11.1; 27.11.2; 27.11.3; 27.11.4; 27.11. 5; 27.11.6; 27.12; 27.12.1; 27.12.2; 27.12.3; 27.1 2.4; 27.20; 27.20.1; 27.2 0.2; 27.31; 27.31.1; 27.3 2; 27.32.1; 27.33; 27.33.1; 27.40; 27.40.2; 27.40. 3; 27.40.4; 27.40.1; 27.5 1; 27.51.1; 27.51.2; 27.5 1.3; 27.52; 27.52.1; 27.5 2.2; 27.90; 27.90.1; 27.9 0.2; 27.90.3; 27.90.4; 27.90.5; 27.90.6; 27.90.7; 2 7.90.8	8504; 8535; 8536; 8546	Absence of visible corona  Alternating voltage	passed/failed - 1 kV to 950 kV

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.64.		Ballast elements for gas-discharge lamps or tubes; static electrical converters; other inductance coils; Parts of electrical motors, generators, and transformers; Electrical switchgear or regulating equipment; Electrical circuit switchgear or protection devices for voltage greater than 1 kV; Electrical circuit switchgear or protection devices for voltage not greater than 1 kV; Electrical switchgear or protective equipment packages; Sections of electrical switchgear or regulating equipment; Batteries and accumulators; Primary elements, primary batteries, and their parts; Electrical accumulators and their parts;				

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.64.		Fibre optic cables; Fibre optic cables; Other electronic and electrical leads and cables; Other electronic and electrical leads and cables; Wiring products; Wiring products; Electricalal lighting equipment; Lamps and lighting facilities; Other lamps and lighting facilities; Parts of lamps and lighting facilities; Incandescent electrical lamp and gas-discharge lamps; arc lamps; LED lamps; Electrical appliances; Refrigerators and freezers; washing machines; electrical blankets; fans;				



§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.64.		Other appliances, not elsewhere classified; Parts of appliances; Nonelectrical appliances; Nonelectrical appliances for food preparation and heating; Parts of furnaces, stoves, plate heaters and similar nonelectrical appliances; Other electrical equipment; Other electrical equipment and its parts; Liquid-crystalline or light-emitting diode indicative plates; sound or light signaling electrical equipment; Electrical tools for soft and hard soldering and welding, machines and apparatus for surface heat treatment and thermal spraying;				

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.64.		Other electrical equipment, not elsewhere classified (including electrical magnets, electromagnetic couplings and brakes, electromagnetic lifting clamps; electrical particle accelerators; electrical signal generators); Electrical capacitors; Resistors, except for heating resistors; Electrical signaling devices, electrical equipment to provide traffic safety and control on railways, tramlines, motor roads, inland waterways, parking areas, in port facilities or at aerodromes; Parts of electrical capacitors, electrical resistors, rheostats, and potentiometers;				

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.65.	GOST R 52565, subclause 9.1 (by visual inspection); Non-destructive testing; exterior inspection and measurements	AC high-voltage circuit-breakers, contactors and reversers (high-voltage power circuit-breakers); Power circuit-breakers;	27.12.10.110	8535	Marking and branding	compliant/noncompliant -
					Correctness of nameplate	compliant/noncompliant -
					Compliance with assembly drawing	compliant/noncompliant -
					Protective coating condition	passed/failed -
					Surface condition	passed/failed -

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.66.	GOST R 52565, subclause 9.1 (by universal measuring instruments); Nondestructive testing; exterior inspection and measurements	AC high-voltage circuit-breakers, contactors and reversers (high-voltage power circuit-breakers); Power circuit-breakers;	27.12.10.110	8535	Overall and connecting dimensions	- 0 mm to 15000 mm
1.67.	GOST R 52565, subclause 9.1 (by general-purpose balance); Nondestructive testing; exterior inspection and measurements	AC high-voltage circuit-breakers, contactors and reversers (high-voltage power circuit-breakers); Power circuit-breakers;	27.12.10.110	8535	Mass	- 0 kg to 5000 kg
1.68.	GOST R 52565, subclauses 9.2.1.2, 9.2.2.2; Other physical and mechanical investigation (testing) methods to determine physical and mechanical parameters	AC high-voltage circuit-breakers, contactors and reversers (high-voltage power circuit-breakers); Power circuit-breakers;	27.12.10.110	8535	Proper time/ Proper time of making / Proper time of breaking	- 0.2*10 <sup>-3</sup> to 6.5 s
1.69.	GOST R 52565, subclauses 9.2.1.2, 9.2.2.3; Other physical and mechanical investigation (testing) methods to determine physical and mechanical parameters	AC high-voltage circuit-breakers, contactors and reversers (high-voltage power circuit-breakers); Power circuit-breakers;	27.12.10.110	8535	Time	- 0.001 s to 5.2 s

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.69.					Displacement	- 1 mm to 900 mm
					Rate / Rate of making / Rate of breaking	Calculated rate: -
1.70.	GOST R 52565, subclauses 9.2.1.2, 9.2.2.4; Other physical and mechanical investigation (testing) methods to determine physical and mechanical parameters	AC high-voltage circuit-breakers, contactors and reversers (high-voltage power circuit-breakers); Power circuit-breakers;	27.12.10.110	8535	Contact pressure	- 0 kN to 5 kN
1.71.	GOST R 52565, subclauses 9.2.1.2, 9.2.2.5; Other physical and mechanical investigation (testing) methods to determine physical and mechanical parameters	AC high-voltage circuit-breakers, contactors and reversers (high-voltage power circuit-breakers); Power circuit-breakers;	27.12.10.110	8535	Actuating voltage	- 0 V to 1000 V
1.72.	GOST R 52565, subclauses 9.2.1.2, 9.2.2.6; Other physical and mechanical investigation (testing) methods to determine physical and mechanical	AC high-voltage circuit-breakers, contactors and reversers (high-voltage power circuit-breakers);	27.12.10.110	8535	Actuating pressure	- 0 MPa to 0.9 MPa

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.72.		Power circuit-breakers;				
1.73.	GOST R 52565, subclauses 9.2.1.2, 9.2.2.8; Other physical and mechanical investigation (testing) methods to determine physical and mechanical parameters	AC high-voltage circuit-breakers, contactors and reversers (high-voltage power circuit-breakers); Power circuit-breakers;	27.12.10.110	8535	Resistance/ Electrical resistance	- 1 $\mu\Omega$ m to 1000 $\mu\Omega$ m
1.74.	GOST R 52565, subclauses 9.2.1.2, 9.2.2.9; Electrophysical investigations (testing); electrophysical investigations (testing) methods without specification	AC high-voltage circuit-breakers, contactors and reversers (high-voltage power circuit-breakers); Power circuit-breakers;	27.12.10.110	8535	Useful current	- 0 A to 100A
1.75.	GOST R 52565, subclauses 9.2.1.2, 9.2.3; Other physical and mechanical investigation (testing) methods to determine physical and mechanical parameters	AC high-voltage circuit-breakers, contactors and reversers (high-voltage power circuit-breakers); Power circuit-breakers;	27.12.10.110	8535	Mechanism operability	passed/failed -

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.76.	GOST R 52565, subclauses 9.2.1.2, 9.2.4; Other physical and mechanical investigation (testing) methods to determine physical and mechanical parameters	AC high-voltage circuit-breakers, contactors and reversers (high-voltage power circuit-breakers); Power circuit-breakers;	27.12.10.110	8535	Mechanical durability	passed/failed -
1.77.	GOST R 52565, subclauses 9.2.1.2, 9.2.6; Other physical and mechanical investigation (testing) methods to determine physical and mechanical parameters	AC high-voltage circuit-breakers, contactors and reversers (high-voltage power circuit-breakers); Power circuit-breakers;	27.12.10.110	8535	Test force	- 0.1 kN to 10 kN
					Operability at combined tension of leads and wind load	passed/failed -
1.78.	GOST R 52565, subclause 9.9; Electrophysical investigations (testing); electrophysical investigations (testing) methods without specification	AC high-voltage circuit-breakers, contactors and reversers (high-voltage power circuit-breakers); Power circuit-breakers;	27.12.10.110	8535	Radio interference	passed/failed -
					Alternating voltage	- 10 kV to 500 kV

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.79.	GOST 14254-2015 (IEC 60529:2013), clause 12; Environmental effect testing; other environmental effect investigation (testing) methods	Electrical motors, generators and transformers; Electrical switchgear or regulating equipment; Other electronic and electrical leads and cables; Other electrical equipment;	27.11; 27.12; 27.32; 27.9 0	8504; 8535; 8536; 8546	Degree of protection from access to hazardous parts	- 1 to 4
1.80.	GOST 14254-2015 (IEC 60529:2013), clause 13; Environmental effect testing; other environmental effect investigation (testing) methods	Metal structures and their sections; other metal reservoirs, tanks and similar vessels; Weapon and munitions; Ferrous-metal drums and similar vessels; Light-weight metal packs; Other end metal products, not elsewhere classified; Electronic components; Loaded printed boards; Computers and peripheral equipment; Communication equipment;	25.11; 25.29; 25.40; 25.9 1; 25.92; 25.99; 26.11; 26.12; 26.20; 26.30; 26.40 ; 26.51; 26.80; 27.11; 27.12; 27.20; 27.31; 27.32; 27.33; 27.40; 27.90; 28.1 2; 28.13; 28.14; 28.15; 29.10; 29.31; 29.32	8504; 8535; 8536; 8546	Degree of protection from external solid objects	passed/failed 1 to 4



§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.80.		Consumer electronics Measurement, testing and navigation equipment; Magnetic and optical storage media; Electrical motors, generators and transformers; Electrical switchgear or regulating equipment; Batteries and accumulators; Fiber optic cables; Other electronic and electrical leads and cables; Wiring products; Electrical lighting equipment; Other electrical equipment; Hydraulic and pneumatic power equipment; Other pumps and compressors; Pipeline accessories (accessories) (taps, valves and others);				

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.80.		Bearings, wheel gears, trains of gears and actuating members; Motor vehicles; Electrical and electronic equipment for motor vehicles; Other components and accessories for motor vehicles;				
1.81.	GOST 14254-2015 (IEC 60529:2013), clause 14; Environmental effect testing; Environmental effect (investigation) testing methods	Electrical motors, generators and transformers; Electrical switchgear or regulating equipment; Other electronic and electrical leads and cables; Other electrical equipment;	27.11; 27.12; 27.32; 27.9 0	8504; 8535; 8536; 8546	Degree of water protection designated by the second characteristic digit	- 3 to 5
1.82.	GOST 14254-2015 (IEC 60529:2013), clause 15; Environmental effect (investigation) testing methods	Metal structures and their sections; Other metal reservoirs, tanks and similar vessels; Weapon and munitions;	25.11; 25.29; 25.40; 25.9 1; 25.92; 25.99; 26.11; 26.12; 26.20; 26.30; 26.40; 26.51; 26.80; 27.11; 27. 12; 27.20; 27.31; 27.32;	8504; 8535; 8536; 8546	Degree of protection from access to hazardous parts	passed/failed A to D

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.82.		Ferrous-metal drums and similar vessels; Light-weight metal packs; Other end metal products, not elsewhere classified; Electronic component; Loaded printed boards; Computers and peripheral equipment; Communication equipment; Consumer electronics Measurement, testing and navigation equipment; Magnetic and optical storage media; Electrical motors, generators and transformers; Electricalal switchgear or regulating equipment; Batteries and accumulators; Fiber optic cables; Other electronic and electrical leads and cables; Wiring products;	27.33; 27.40; 27.90; 28.1 2; 28.13; 28.14; 28.15; 2 9.10; 29.31; 29.32			

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.82.		Electrical lighting equipment; Other electrical equipment; Hydraulic and pneumatic power equipment; Other pumps and compressors; Pipeline accessories (accessories) (taps, valves and others); Bearings, wheel gears, trains of gears and actuating members; Motor vehicles; Electrical and electronic equipment for motor vehicles; Other components and accessories for motor vehicles;				
1.83.	GOST R 52726, subclause 8.1 (visually ); Non-destructive testing; exterior inspection and measurements	AC high-voltage disconnecting switches, short-circuiting switches, isolating switches, earthing switches; Disconnecting switches and earthing switches, isolating switches and	27.12.10.120	853530	Marking and branding	compliant/noncompliant -

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.83.		short-circuiting switches;			Surface conditions	detected/not detected -
					Protective coating condition	detected/not detected -
1.84.	GOST R 52726, subclause 8.1 (by universal measuring instrument); Nondestructive testing; exterior inspection and measurements	AC high-voltage disconnecting switches, short-circuiting switches, isolating switches, earthing switches; Disconnecting switches and earthing switches, isolating switches and short-circuiting switches;	27.12.10.120		Overall and connecting dimensions	- 0 mm to 15000 mm
1.85.	GOST R 52726, subclause 8.1 (by general-purpose balance); Nondestructive testing; exterior inspection and measurements	AC high-voltage disconnecting switches, short-circuiting switches, isolating switches, earthing switches; Disconnecting switches and earthing switches, isolating switches and short-circuiting switches;	27.12.10.120		Mass	- 0 kg to 5000 kg

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.86.	GOST R 52726, subclause 8.2; Other physical and mechanical investigation (testing) methods to determine physical and mechanical parameters	AC high-voltage disconnecting switches, short-circuiting switches, isolating switches, earthing switches; Disconnecting switches and earthing switches, isolating switches and short-circuiting switches;	27.12.10.120	853530	Mechanism operability	passed/failed -
1.87.	GOST R 52726, subclause 8.3; Electrophysical investigations (testing); electrophysical investigations (testing) methods without specification	AC high-voltage disconnecting switches, short-circuiting switches, isolating switches, earthing switches; Disconnecting switches and earthing switches, isolating switches and short-circuiting switches;	27.12.10.120	853530	Electrical resistance	- $10^{-6} \Omega$ m to 199.9 $\Omega$ m
					Test current	- $10^{-4}$ A to 100A
1.88.	GOST R 52726, subclause 8.6; Other physical and mechanical investigation (testing) methods to determine physical and mechanical parameters	AC high-voltage disconnecting switches, short-circuiting switches, isolating switches, earthing switches; Disconnecting switches and earthing switches, isolating switches and short-circuiting switches;	27.12.10.120	853530	Locking device operation	passed/failed -
					Force	- 0 kN to 1 kN

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.89.	GOST R 52726, subclause 8.8.2; Electrophysical investigations (testing); electrophysical investigations (testing) methods without specification	AC high-voltage disconnecting switches, short-circuiting switches, isolating switches, earthing switches; Disconnecting switches and earthing switches, isolating switches and short-circuiting switches;	27.12.10.120	853530	Test current	- 0 A to 500A
					Actuator resistance to current-induced heating	passed/failed -
					Temperature	- 0 °C to 300 °C
1.90.	GOST R 52726, subclause 8.13; Electrophysical investigations (testing); electrophysical investigations (testing) methods without specification	AC high-voltage disconnecting switches, short-circuiting switches, isolating switches, earthing switches; Disconnecting switches and earthing switches, isolating switches and short-circuiting switches;	27.12.10.120	853530	Radio interference	passed/failed 10 dB to 100 dB
					Alternating voltage	- 1 to 500 kV

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.90.					Insulation strength	passed/failed -
1.91.	GOST R 52726, subclause 8.15; Electrophysical investigations (testing); electrophysical investigations (testing) methods without specification	AC high-voltage disconnecting switches, short-circuiting switches, isolating switches, earthing switches; Disconnecting switches and earthing switches, isolating switches and short-circuiting switches;	27.12.10.120	853530	Test charging current of overhead and cable lines	- 0 A to 5A
					Transformer test no-load current	- 0 A to 5A
					Test balancing current	- 0 A to 1600A
					Switching / balancing current switching/ transformer no-load current switching / switching of charging current of overhead and cable lines	passed/failed -



§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.92.	GOST R 52726, subclause 8.16; Electrophysical investigations (testing); electrophysical investigations (testing) methods without specification	AC high-voltage disconnecting switches, short-circuiting switches, isolating switches, earthing switches; Disconnecting switches and earthing switches, isolating switches and short-circuiting switches;	27.12.10.120	853530	Switching current	- 0 A to 80A
					Switching capacity	passed/failed -
1.93.	GOST R 52726, subclause 8.19; Electrophysical investigations (testing); electrophysical investigations (testing) methods without specification	AC high-voltage disconnecting switches, short-circuiting switches, isolating switches, earthing switches; Disconnecting switches and earthing switches, isolating switches and short-circuiting switches;	27.12.10.120	853530	Test current	- $10^{-4}$ A to 100A
					Electrical resistance of protective earthing. Electrical resistance of touchable earthed metal parts	- $10^{-6}$ $\Omega$ m to 199.9 $\Omega$ m
1.94.	GOST 1146, subclause 9.1 (by visual inspection); Non-destructive testing; exterior inspection and measurements	Electrical transformers; Current transformers;	27.11.4	850431; 850432000	Compliance to assembly drawing dimensions	compliant/noncompliant -

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.94.					marking of terminals	passed/failed -
					correctness of nameplates	passed/failed -
					protective coating condition of external parts	passed/failed -
					earthing clamp pad condition	passed/failed -
					surface condition of external insulation parts	passed/failed -

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.95.	GOST 7746, subclause 9.1 (by universal measuring instrument); Nondestructive testing; exterior inspection and measurements	Electrical transformers; Current transformers;	27.11.4	850431; 850432000	Overall and connecting dimensions	- 0 mm to 15000 mm
1.96.	GOST 7746, subclause 9.1 (by general-purpose balance); Nondestructive testing; exterior inspection and measurements	Electrical transformers; Current transformers;	27.11.4	850431; 850432000	Mass	- 0 kg to 5000 kg
1.97.	GOST 7746, subclause 9.2.1, 9.2.7; Electrophysical investigations (testing); electrophysical investigations (testing) methods without specification	Electrical transformers; Current transformers;	27.11.4	850431; 850432000	Insulation strength	passed/failed -
					Alternating voltage	- 0 kV to 950 kV
					Test switching surge voltage	- 750 kV to 1600 kV

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.97.					Lightning impulse voltage	- 0 kV to 2250 kV
1.98.	GOST 7746, subclause 9.2.3; Electrophysical investigations (testing); electrophysical investigations (testing) methods without specification	Electrical transformers; Current transformers;	27.11.4	850431; 850432000	Alternating voltage	- 0 kV to 100 kV
					Turn-to-turn insulation	- passed/failed
1.99.	GOST 7746, subclause 9.2.6; Electrophysical investigations (testing); electrophysical investigations (testing) methods without specification	Electrical transformers; Current transformers;	27.11.4	850431; 850432000	Alternating voltage	- 0 kV to 5 kV
					Intersection insulation	passed/failed -

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.100.	GOST 7746, subclause 9.3; Electrophysical investigations (testing); electrophysical investigations (testing) methods without specification	Electrical transformers; Current transformers;	27.11.4	850431; 850432000	Winding insulation resistance-	$3 \cdot 10^3 \Omega\text{m}$ to $10^{12} \Omega\text{m}$
1.101.	GOST 8.217, subclause 9.2; Electrophysical investigations (testing); electrophysical investigations (testing) methods without specification	Electrical transformers; Current transformers;	27.11.4	850431; 850432000	Winding insulation resistance-	$3 \cdot 10^3 \Omega\text{m}$ to $10^{12} \Omega\text{m}$
1.102.	GOST 7746, subclause 9.5; Electrophysical investigations (testing); electrophysical investigations (testing) methods without specification	Electrical transformers; Current transformers;	27.11.4	850431; 850432000	Relative current error	- 0.01 % to 100 %
					Absolute angle error	- -600 min to +600 min
					Correctness of marking	compliant/noncompliant -

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.102.					Test current	- 0 A to 5000A
1.103.	GOST 8.217, subclauses 9.3, 9.5; Electrophysical investigations (testing); electrophysical investigations (testing) methods without specification	Electrical transformers; Current transformers;	27.11.4	850431; 850432000	Relative current error	- 0.01 % to 100 %
					Absolute angle error	- -600 min to +600 min
					Test current	- 0 A to 5000A
1.104.	GOST 7746, subclause 9.5.1.1; Electrophysical investigations (testing); electrophysical investigations (testing) methods without specification	Electrical transformers; Current transformers;	27.11.4	850431; 850432000	Winding polarity/ correctness of contact clamps and terminals identification	compliant/noncompliant -

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.105.	GOST 8.217, subclause 9.4; Electrophysical investigations (testing); electrophysical investigations (testing) methods without specification	Electrical transformers; Current transformers;	27.11.4	850431; 850432000	Winding polarity/ correctness of contact clamps and terminals identification	compliant/noncompliant -
1.106.	GOST 7746, subclause 9.7; Electrophysical investigations (testing); electrophysical investigations (testing) methods without specification	Electrical transformers; Current transformers;	27.11.4	850431; 850432000	Annual gas leak	Calculated rate: passed/failed -
					Gas concentration	- 0 ppm to 1000 ppm
					Pressure	- 0 MPa to 0.9 MPa
					Dimensions	- 0 mm to 15000 mm

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.107.	GOST 7746, subclause 9.8; Electrophysical investigations (testing); electrophysical investigations (testing) methods without specification	Electrical transformers; Current transformers;	27.11.4	850431; 850432000	Magnetization current	- 0 A to 100A
1.108.	GOST 7746, subclause 9.9; Electrophysical investigations (testing); electrophysical investigations (testing) methods without specification	Electrical transformers; Current transformers;	27.11.4	850431; 850432000	Temperature rise	Calculated rate: -
					Ambient temperature	- 0 °C to 300 °C
					Temperature	- 0 °C to 300 °C
1.109.	GOST 7746, subclause 9.13; Environmental effect testing; other environmental effect investigation (testing) methods	Electrical transformers; Current transformers;	27.11.4	850431; 850432000	Resistance to static load	passed/failed -



§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.109.					Load	- 0 kN to 10 kN
1.110.	GOST 1983, subclause 9.1 (by universal measuring instrument); Nondestructive testing; exterior inspection and measurements	Other transformers of power not greater than 16 kVA; Voltage transformers;	27.11.42	8504320002; 850431	Dimensions	- 0 mm to 15000 mm
1.111.	GOST 1983, subclause 9.1 (by general-purpose balance); Nondestructive testing; exterior inspection and measurements	Other transformers of power not greater than 16 kVA; Voltage transformers;	27.11.42	8504320002; 850431	Mass	- 0 kg to 5000 kg
1.112.	GOST 1983, subclause 9.1 (by visual inspection); Nondestructive testing; visual method	Other transformers of power not greater than 16 kVA; Voltage transformers;	27.11.42	8504320002; 850431	Completeness	compliant/noncompliant -
					Terminal marking	compliant/noncompliant -

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.112.					Correctness of nameplates	compliant/noncompliant -
					Compliance with assembly drawing	compliant/noncompliant -
					External parts protective coating condition	compliant/noncompliant -
					Earthing clamp pad condition	compliant/noncompliant -
					External insulation parts surface condition	compliant/noncompliant -

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.113.	GOST 1983, subclause 9.3; Other physical and mechanical investigation (testing) methods to determine physical and mechanical parameters	Other transformers of power not greater than 16 kVA; Voltage transformers;	27.11.42	8504320002; 850431	Winding insulation resistance	- 0 GΩm to 1000 GΩm
1.114.	GOST 1983, subclause 9.5; Electrophysical investigations (testing); electrophysical investigations (testing) methods without specification	Other transformers of power not greater than 16 kVA; Voltage transformers;	27.11.42	8504320002; 850431	No-load current	- 10 <sup>-3</sup> A to 100A
1.115.	GOST 1983, subclause 9.6; Electrophysical investigations (testing); electrophysical investigations (testing) methods without specification	Other transformers of power not greater than 16 kVA; Voltage transformers	27.11.42	8504320002; 850431	Voltage transformer (VT) voltage scale transformation coefficient error (VT voltage error)	- 0.01 % to 100 %
					Alternating voltage	- 0 kV to 250 kV
					Vector group	compliant/noncompliant

§§	Documents establishing rules and techniques of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.115.					Angle error (voltage phase angle error)	-600 min to +600 min
1.116.	GOST 8.216, subclause 10.2; Electrophysical investigations (testing); electrophysical investigations (testing) methods without specification	Other transformers of power not greater than 16 kVA; Voltage transformers;	27.11.42	8504320002; 850431	Vector group	compliant/noncompliant -
1.117.	GOST 8.216, subclause 10.3; Electrophysical investigations (testing); electrophysical investigations (testing) methods without specification	Other transformers of power not greater than 16 kVA; Voltage transformers;	27.11.42	8504320002; 850431	Voltage transformer (VT) voltage scale transformation coefficient error (VT voltage error)	-0.01 % to 100 %
					Angle error ( voltage phase angle error )	-600 min to +600 min
					Alternating voltage	-0 kV to 250 kV

§§	Documents establishing rules and methods of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.118.	GOST 1983, subclauses 9.7, 9.8; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Other transformers of power not greater than 16 kVA; Voltage transformers;	27.11.42	8504320002;850431	Voltage across open triangle bushings	- 0 V to 600 V
1.119.	GOST 1983, subclause 9.9; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Other transformers of power not greater than 16 kVA; Voltage transformers;	27.11.42	8504320002;850431	Temperature rise	Calculated rate: passed/failed
					Temperature	- 0 °C to 300 °C
					Ambient temperature	- 0 °C to 300 °C
1.120.	GOST 1983, subclause 9.10; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Other transformers of power not greater than 16 kVA; Voltage transformers;	27.11.42	8504320002;850431	Resistance to long-term single-phase earthed short-circuit of the power line	passed/failed -

§§	Documents establishing rules and methods of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.120.					Test voltage	- 0 kV to 500 kV
					Load	- 0 V*A to 2000 V*A
					Winding resistance	- 0.000001 Ω to 20000 Ω
1.121.	GOST 1983, subclause 9.11; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Other transformers of power not greater than 16 kVA; Voltage transformers;	27.11.42	8504320002;850431	Short-circuit current withstand	passed/failed -
					AC voltage	- 0 kV to 500 kV

§§	Documents establishing rules and methods of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.121.					Exposure time	- 0 s to 10 s
1.122.	GOST 1983, subclause 9.12; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Other transformers of power not greater than 16 kVA; Voltage transformers;	27.11.42	8504320002;850431	Transient period length	- 0 s to 100 s
					Power-frequency voltage	- 0 kV to 500 kV
					Operability of capacitor transformers under transient processes	passed/failed -
1.123.	GOST 1983, subclause 9.13; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Other transformers of power not greater than 16 kVA; Voltage transformers;	27.11.42	8504320002;850431	Resistance to wind load, glaze-ice, and leads tension	passed/failed -

§§	Documents establishing rules and methods of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.123.					Static load	- 0 kN to 10 kN
1.124.	GOST 1983, subclause 9.14; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Other transformers of power not greater than 16 kVA; Voltage transformers;	27.11.42	8504320002;850431	Annual gas leakage	Calculated rate: passed/failed (% by mass)
					Gas concentration	- 0 ppm to 1000 ppm
					Pressure	- 0 MPa to 0.9 MPa
					Dimensions	- 0 mm to 15000 mm



§§	Documents establishing rules and methods of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.125.	GOST 14694, subclause 1.1; Non-destructive testing; exterior inspection and measurements	Electrical switchgear or protective equipment packages; Switchgear and regulating electrical equipment; Switchgear for connection to electrical circuits for voltages greater than 1 kV; Electrical circuit switchgear or protection devices for voltages not greater than 1 kV; Sections of electrical switchgear or regulating equipment; Packaged switchgear;	27.12.3;27.12;27.12.1; 27.12.2;27.12.4	853720	Exterior	compliant/noncompliant -
					Dimensions	- 0 mm to 15000 mm
					Marking and branding	confirmed/not confirmed -
					Mass	- 0 kg to 5000 kg
					Verification of nameplate data compliance to the specified requirements	confirmed/not confirmed -

§§	Documents establishing rules and methods of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.126.	GOST 14694, subclauses 1.1, 1.5; Non-destructive testing; exterior inspection and measurements	Electrical switchgear or protective equipment packages; Switchgear and regulating electrical equipment; Switchgear for connection to electrical circuits for voltages greater than 1 kV; Electrical circuit switchgear or protection devices for voltages not greater than 1 kV; Sections of electrical switchgear or regulating equipment; Packaged switchgear;	27.12.3;27.12;27.12.1;27.12.2;27.12.4	853720	Compliance with the design drawings	compliant/noncompliant -
					Technical documentation	compliant/noncompliant -
1.127.	GOST 14694, subclause 4.2; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Electrical switchgear or protective equipment packages; Switchgear and regulating electrical equipment; Switchgear for connection to electrical circuits for voltages greater than 1 kV;	27.12.3;27.12;27.12.1;27.12.2;27.12.4	853720	Alignment of main and auxiliary circuits detachable contacts	- 0.1 mm to 1000 mm

§§	Documents establishing rules and methods of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.127.		Electrical circuit switchgear or protection devices for voltages not greater than 1 kV; Sections of electrical switchgear or regulating equipment; Packaged switchgear;			Travel of main and auxiliary circuits detachable contacts	- 0.1 mm to 1000 mm
1.128	GOST 14694, subclause 4.3; Physical and mechanical; other physical and mechanical investigation (testing) methods to determine physical and mechanical parameters	Electrical switchgear or protective equipment packages; Switchgear and regulating electrical equipment; Switchgear for connection to electrical circuits for voltages greater than 1 kV; Electrical circuit switchgear or protection devices for voltages not greater than 1 kV; Sections of electrical switchgear or regulating equipment; Packaged switchgear;	27.12.3;27.12;27.12.1; 27.12.2;27.12.4	853720	Operation of cabinet and withdrawable part mechanisms  Force	passed/failed -  - 0 kN to 1 kN

§§	Documents establishing rules and methods of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.128.						
1.129.	GOST 14694, subclause 4.4; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Electrical switchgear or protective equipment packages; Switchgear and regulating electrical equipment; Switchgear for connection to electrical circuits for voltages greater than 1 kV; Electrical circuit switchgear or protection devices for voltages not greater than 1 kV; Sections of electrical switchgear or regulating equipment; Packaged switchgear;	27.12.3;27.12;27.12.1; 27.12.2;27.12.4	853720	Switchgear operational check	passed/failed

§§	Documents establishing rules and methods of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.130.	GOST 14694, subclause 4.5; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Electrical switchgear or protective equipment packages; Switchgear and regulating electrical equipment; Switchgear for connection to electrical circuits for voltages greater than 1 kV; Electrical circuit switchgear or protection devices for voltages not greater than 1 kV; Sections of electrical switchgear or regulating equipment; Packaged switchgear;	27.12.3;27.12;27.12.1;27.12.2;27.12.4	853720	Switchgear contact movement rate in making and braking operations	passed/failed -
					Proper closing time	passed/failed 10 <sup>-4</sup> s to 10 s
					Proper opening time	passed/failed 10 <sup>-4</sup> s to 10 s
1.131.	GOST 14694, subclause 4.7; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Electrical switchgear or protective equipment packages; Switchgear and regulating electrical equipment; Switchgear for connection to electrical circuits for voltages greater than 1 kV;	27.12.3;27.12;27.12.1;27.12.2;27.12.4	853720	Operation	passed/failed -

§§	Documents establishing rules and methods of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.131.		Electrical circuit switchgear or protection devices for voltages not greater than 1 kV; Sections of electrical switchgear or regulating equipment; Packaged switchgear;			Number of cycles	- 0 cycles to 1000 cycles
					Power supply voltage	- 0 V to 1000 V
1.132.	GOST 14694, subclause 4.8; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Electrical switchgear or protective equipment packages; Switchgear and regulating electrical equipment; Switchgear for connection to electrical circuits for voltages greater than 1 kV; Electrical circuit switchgear or protection devices for voltages not greater than 1 kV; Sections of electrical switchgear or regulating equipment; Packaged switchgear;	27.12.3;27.12;27.12.1; 27.12.2;27.12.4	853720	Operability of locking devices	passed/failed -
					Force	- 0 kN to 1 kN
					Power supply voltage	- 0 V to 500 V



§§	Documents establishing rules and methods of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.134.	GOST 14694, subclause 4.10; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Electrical switchgear or protective equipment packages; Switchgear and regulating electrical equipment; Switchgear for connection to electrical circuits for voltages greater than 1 kV; Electrical circuit switchgear or protection devices for voltages not greater than 1 kV; Sections of electrical switchgear or regulating equipment; Packaged switchgear;	27.12.3;27.12;27.12.1;27.12.2;27.12.4	853720	Pressure continuity of sliding earthing contacts	passed/failed 0.02 mm to 0.5 mm
					DC resistance	passed/failed $10^{-6} \Omega$ to 1999.9 $\Omega$
1.135.	GOST 14694, subclause 4.6; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Electrical switchgear or protective equipment packages; Switchgear and regulating electrical equipment; Switchgear for connection to electrical circuits for voltages greater than 1 kV;	27.12.3;27.12;27.12.1;27.12.2;27.12.4	853720	Mechanical strength of switchgear structural elements in multiple operations	passed/failed 0 cycles to 10000 cycles 0 V to 1000 V



§§	Documents establishing rules and methods of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.135.		Electrical circuit switchgear or protection devices for voltages not greater than 1 kV; Sections of electrical switchgear or regulating equipment; Packaged switchgear;				
1.136.	GOST 14694, subclauses 5.1, 5.2; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Electrical switchgear or protective equipment packages; Switchgear and regulating electrical equipment; Switchgear for connection to electrical circuits for voltages greater than 1 kV; Electrical circuit switchgear or protection devices for voltages not greater than 1 kV; Sections of electrical switchgear or regulating equipment; Packaged switchgear;	27.12.3;27.12;27.12.1; 27.12.2;27.12.4	853720	Lightning impulse voltage  AC voltage  Insulation strength	- 3 kV to 500 kV  - 0 kV to 200 kV  passed/failed -

§§	Documents establishing rules and methods of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.136.						
1.137.	GOST 14694, subclause 6.4; Physical and mechanical; other physical and mechanical investigation (testing) methods to determine physical and mechanical parameters	Electrical switchgear or protective equipment packages; Switchgear and regulating electrical equipment; Switchgear for connection to electrical circuits for voltages greater than 1 kV; Electrical circuit switchgear or protection devices for voltages not greater than 1 kV; Sections of electrical switchgear or regulating equipment; Packaged switchgear;	27.12.3;27.12;27.12.1;27.12.2;27.12.4	853720	Mechanical strength	passed/failed -
					Mechanical load	- 0 kN to 50 kN

§§	Documents establishing rules and methods of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.138.	GOST 14694, clause 10; Physical and mechanical; other physical and mechanical investigation (testing) methods to determine physical and mechanical parameters	Electrical switchgear or protective equipment packages; Switchgear and regulating electrical equipment; Switchgear for connection to electrical circuits for voltages greater than 1 kV; Electrical circuit switchgear or protection devices for voltages not greater than 1 kV; Sections of electrical switchgear or regulating equipment; Packaged switchgear;	27.12.3;27.12;27.12.1;27.12.2;27.12.4	853720	Interchangeability of identic replacement parts	passed/failed
					Force	- 0 kN to 1 kN
					Dimensions	- 0 mm to 10000 mm
1.139.	GOST 14694, clause 13; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Electrical switchgear or protective equipment packages; Switchgear and regulating electrical equipment; Switchgear for connection to electrical circuits for voltages greater than 1 kV;	27.12.3;27.12;27.12.1;27.12.2;27.12.4	853720	Breaking capacity	passed/failed

§§	Documents establishing rules and methods of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.139.		Electrical circuit switchgear or protection devices for voltages not greater than 1 kV; Sections of electrical switchgear or regulating equipment; Packaged switchgear;			No-load current	- 0 A to 3 A
1.140.	GOST 20248, clause 1 (visually); Non-destructive testing; exterior inspection and measurements	Electrical switchgear or protective equipment packages; Packaged transformer substations;	27.12.3	853720	Exterior	compliant/noncompliant -
					Marking and branding	confirmed/not confirmed -
					Verification of nameplate data compliance to the specified requirements	confirmed/not confirmed -

§§	Documents establishing rules and methods of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.141.	GOST 20248, clause 1 (by measurement tool); Non-destructive testing; exterior inspection and measurements	Electrical switchgear or protective equipment packages; Packaged transformer substations;	27.12.3	-	Overall and connecting dimensions	- 0 mm to 15000 mm
1.142.	GOST 20248, clause 1 (by general-purpose balance); Non-destructive testing; exterior inspection and measurements	Electrical switchgear or protective equipment packages; Packaged transformer substations;	27.12.3	-	Mass	- 0 kg to 5000 kg
1.143.	GOST 20248, clause 4; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Electrical switchgear or protective equipment packages; Packaged transformer substations;	27.12.3	853720	Proper arrangement of operative control, protection, automatic and alarm circuits	passed/failed
					Voltage	- 0 V to 500 V
1.144.	GOST 20248, clause 5; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Electrical switchgear or protective equipment packages; Packaged transformer substations;	27.12.3	853720	Making and breaking test of main circuit switchgear and actuators	passed/failed

§§	Documents establishing rules and methods of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.144.					Voltage	- 0 V to 500 V
1.145.	GOST 20248, clause 6; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Electrical switchgear or protective equipment packages; Packaged transformer substations;	27.12.3	853720	Operability of locking devices	passed/failed -
					Power supply voltage	- 0 V to 500 V
1.146.	GOST 20248, subclauses 7.1, 7.2, 7.4-7.10; Reliability, service-life testing; other methods of reliability, service-life investigation (testing)	Electrical switchgear or protective equipment packages; Packaged transformer substations;	27.12.3	853720	Mechanical strength of PTS structural elements in multiple operations	passed/failed -

§§	Documents establishing rules and methods of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.146.					Force	- 0 kN to 1 kN
1.147.	GOST 20248, clause 9; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Electrical switchgear or protective equipment packages; Packaged transformer substations;	27.12.3	853720	Voltage	- 50 V to 5000 V
					Insulation resistance	- 0.003 GΩ to 1000 GΩ
1.148.	GOST 20248, clause 13; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Electrical switchgear or protective equipment packages; Packaged transformer substations;	27.12.3	853720	Interchangeability of identical replacement parts	passed/failed -
					PTS check assembly	passed/failed -

§§	Documents establishing rules and methods of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.148.					Overall and connecting dimensions	- 0 mm to 10000 mm
1.149.	GOST R 52725, subclause 8.11; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Switchgear for connection to electrical circuits for voltages greater than 1 kV; Surge arresters, overvoltage suppressors;	27.12.10	8535400000	Partial discharge	passed/failed 0 pC to 10 <sup>4</sup> pC
1.150.	GOST R 52725, subclause 8.12; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Switchgear for connection to electrical circuits for voltages greater than 1 kV; Surge arresters, overvoltage suppressors;	27.12.10	8535400000	Leakage path length	passed/failed 0 mm to 100000 mm
1.151.	GOST R 52725, subclause 9.18; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Switchgear for connection to electrical circuits for voltages greater than 1 kV; Surge arresters, overvoltage suppressors;	27.12.10	8535400000	Tracking erosion resistance	passed/failed -
					AC voltage	- 0 kV to 80 kV



§§	Documents establishing rules and methods of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.152.	GOST 1282, subclause 5.2; Physical and mechanical; other physical and mechanical investigation (testing) methods to determine physical and mechanical parameters	Electrical capacitors; Capacitors and capacitor units;	27.90.5	8532	Mechanical strength	passed/failed -
					Mechanical load	- 0 kN to 10 kN
1.153.	GOST 1282, subclause 5.4; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Electrical capacitors; Capacitors and capacitor units;	27.90.5	8532	Capacity / Electrical capacity	- 20 pF to 10 <sup>6</sup> pF
1.154.	GOST 1282, subclause 5.5; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Electrical capacitors; Capacitors and capacitor units;	27.90.5	8532	Insulation strength	passed/failed -
					Test voltage	- 0 kV to 100 kV

§§	Documents establishing rules and methods of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.155.	GOST 1282, subclause 5.6; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Electrical capacitors; Capacitors and capacitor units;	27.90.5	8532	Insulation strength	passed/failed -
					Power-frequency voltage	- 0 kV to 350 kV
1.156.	GOST 1282, subclause 5.7; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Electrical capacitors; Capacitors and capacitor units;	27.90.5	8532	Loss angle tangent / Dielectrical loss angle tangent	- 0.01 % to 100 %
1.157.	GOST 1282, subclause 5.8; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Electrical capacitors; Capacitors and capacitor units;	27.90.5	8532	Heat-resistance	passed/failed -
					Voltage	0 kV to 100 kV

§§	Documents establishing rules and methods of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.157.					AC voltage	- 1 kV to 100 kV
1.158.	GOST 1282, subclause 5.9; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Electrical capacitors; Capacitors and capacitor units;	27.90.5	8532	Short-circuited discharge resistance	passed/failed -
					Capacity	- 0 nF to 1000 nF
					Exposure time	- 0 min to 30 min
1.159.	GOST 26093, subclauses 2.1.3, 2.2.1.4, 2.1.6; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Ceramic electrical insulators; Insulating accessories for electrical equipment and ceramic devices; Electrical insulators; Insulators for electrified railway overhead;	23.43.10;27.90.12.110	8546200000	50 Hz breakdown voltage	passed/failed -

§§	Documents establishing rules and methods of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.159.					Insulation strength	passed/failed -
1.160.	GOST 26093, subclauses 2.1.7, 2.2.1.8; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Ceramic electrical insulators; Insulating accessories for electrical equipment and ceramic devices; Electrical insulators; Insulators for electrified railway overhead;	23.43.10;27.90.12.110	8546200000	Test by continuous spark flow	passed/failed -
1.161.	GOST 26093, subclause 5.1.1; Non-destructive testing; exterior inspection and measurements	Ceramic electrical insulators; Insulating accessories for electrical equipment and ceramic devices; Electrical insulators; Insulators for electrified railway overhead;	23.43.10;27.90.12.110	8546200000	Surface quality	passed/failed -
1.162.	GOST 26093, subclause 5.2; Non-destructive testing; exterior inspection and measurements	Ceramic electrical insulators; Insulating accessories for electrical equipment and ceramic devices;	23.43.10;27.90.12.110	8546200000	Nominal dimensions deviation	passed/failed -

§§	Documents establishing rules and methods of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.162.		Electrical insulators; Insulators for electrified railway overhead;			Out-of-straightness	- 0 mm to 50 mm
1.163.	GOST R 52034, subclause 7.1,2; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Ceramic electrical insulators; Insulating accessories for electrical equipment and ceramic devices; Electrical insulators;	23.43.10;27.90.12.110	8546200000	50 Hz breakdown voltage	- 0 kV to 400 kV
1.164.	GOST 6490, subclause 7.3.1; Non-destructive testing; exterior inspection and measurements	Electrical insulators; Electrical glass insulators; Ceramic electrical insulators; Insulating accessories for electrical equipment and ceramic devices; Insulators for electrified railway overhead;	27.90.12.110;23.19.25; ; 23.43.10	8546100000;8546200000	Surface quality of insulation parts of insulator	passed/failed -
1.165.	GOST 6490, subclause 7.3.2.1; Non-destructive testing; exterior inspection and measurements	Electrical insulators; Electrical glass insulators; Ceramic electrical insulators; Insulating accessories for electrical equipment and ceramic devices;	27.90.12.110;23.19.25; ; 23.43.10	-	Dimensions	- 0 mm to 15000 mm

§§	Documents establishing rules and methods of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.165.		Insulators for electrified railway overhead;				
1.166.	GOST 6490, subclause 7.3.2.2; Non-destructive testing; exterior inspection and measurements	Electrical insulators; Electrical glass insulators; Ceramic electrical insulators; Insulating accessories for electrical equipment and ceramic devices; Insulators for electrified railway overhead;	27.90.12.110;23.19.25; ; 23.43.10	-	Leakage path length	- 0 mm to 15000 mm
1.167.	GOST 6490, subclause 7.3.2.4; Non-destructive testing; exterior inspection and measurements	Electrical insulators; Electrical glass insulators; Ceramic electrical insulators; Insulating accessories for electrical equipment and ceramic devices; Insulators for electrified railway overhead;	27.90.12.110;23.19.25; ; 23.43.10	8546100000;8546200000	Mass	- 0 kg to 5000 kg

§§	Documents establishing rules and methods of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.168.	GOST 6490, subclause 7.3.4; Non-destructive testing; exterior inspection and measurements	Electrical insulators; Electrical glass insulators; Ceramic electrical insulators; Insulating accessories for electrical equipment and ceramic devices; Insulators for electrified railway overhead;	27.90.12.110;23.19.25; 23.43.10	8546100000;8546200000	Zinc coating thickness	passed/failed 0 µm to 5000 µm
1.169.	GOST 6490, subclause 7.3.5; Non-destructive testing; exterior inspection and measurements	Electrical insulators; Electrical glass insulators; Ceramic electrical insulators; Insulating accessories for electrical equipment and ceramic devices;	27.90.12.110;23.19.25; 23.43.10	8546100000;8546200000	Axial displacement	- 0.01 mm to 10 mm
					Radial displacement	- 0.01 mm to 10 mm
1.170.	GOST 6490, subclause 7.4.1; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Electrical insulators; Electrical glass insulators; Ceramic electrical insulators; Insulating accessories for electrical equipment and ceramic devices;	27.90.12.110;23.19.25; 23.43.10	8546100000;8546200000	Resistance to continuous spark flow	passed/failed -

§§	Documents establishing rules and methods of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.170.		Customs Union Commission Decision No. 710, dated 15.07.2011 (Technical Regulations of the Customs Union TR TS 001/2011, TR TS 002/2011, TR TS 003/2011) (revision of 30.10.2018); Railway rolling stock and its sections; High-speed railway transport and high-speed railway transport infrastructure; Railway transport infrastructure; Insulators for electrified railway overhead;			Power-frequency voltage	- 0 kV to 150 kV
1.171.	GOST 6490, subclause 7.4.2; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Electrical insulators; Electrical glass insulators; Ceramic electrical insulators; Insulating accessories for electrical equipment and ceramic devices; Insulators for electrified railway overhead;	27.90.12.110;23.19.25; 23.43.10	8546100000;8546200000	50 Hz breakdown voltage	- 0 kV to 400 kV



§§	Documents establishing rules and methods of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.171.						
1.172.	GOST 6490, subclause 7.4.7; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Electrical insulators; Electrical glass insulators; Ceramic electrical insulators; Insulating accessories for electrical equipment and ceramic devices; Insulators for electrified railway overhead;	27.90.12.110;23.19.25; 23.43.10	8546100000;8546200000	Protected against steep impulse voltage breakdown	passed/failed
					Pulse tilt	- 500 kV/μs to 2500 kV/μs
1.173.	GOST 1232, subclause 8.5 (by measurement tool); Non-destructive testing; exterior inspection and measurements	Electrical glass insulators; Ceramic electrical insulators; Insulating accessories for electrical equipment and ceramic devices; Electrical insulators;	23.19.25;23.43.10; 27.90.12.110	8546100000;8546200000	Dimensions	- 0 mm to 8000 mm

§§	Documents establishing rules and methods of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.174.	GOST 1232, subclause 8.5 (by adhesive tape with paper base and by measurement tool); Non-destructive testing; exterior inspection and measurements	Electrical glass insulators; Ceramic electrical insulators; Insulating accessories for electrical equipment and ceramic devices; Electrical insulators;	23.19.25;23.43.10; 27.90.12.110	8546100000;8546200000	Leakage path length	passed/failed 0 mm to 8000 mm
1.175.	GOST 1232, subclause 8.5 (by any balance); Non-destructive testing; exterior inspection and measurements	Electrical glass insulators; Ceramic electrical insulators; Insulating accessories for electrical equipment and ceramic devices; Electrical insulators;	23.19.25;23.43.10; 27.90.12.110	8546100000;8546200000	Mass	passed/failed 1 kg to 500 kg
1.176.	GOST 1232, subclause 8.12.1; Environmental effect testing; other methods of environmental effect investigation (testing)	Electrical glass insulators; Ceramic electrical insulators; Insulating accessories for electrical equipment and ceramic devices; Electrical insulators;	23.19.25;23.43.10; 27.90.12.110	8546100000;8546200000	Resistance to locking device withdrawal	passed/failed -
					Mass	- 0 kg to 500 kg

§§	Documents establishing rules and methods of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.177.	GOST 1232, subclause 8.12.2; Physical and mechanical; other physical and mechanical investigation (testing) methods to determine physical and mechanical parameters	Electrical glass insulators; Ceramic electrical insulators; Insulating accessories for electrical equipment and ceramic devices; Electrical insulators;	23.19.25;23.43.10; 27.90.12.110	8546100000;8546200000	Resistance to device withdrawal	passed/failed
					Mechanical force	- 0 kN to 1 kN
1.178.	GOST 1232, subclause 8.13; Physical and mechanical; other physical and mechanical investigation (testing) methods to determine physical and mechanical parameters	Electrical glass insulators; Ceramic electrical insulators; Insulating accessories for electrical equipment and ceramic devices; Electrical insulators;	23.19.25;23.43.10; 27.90.12.110	8546100000;8546200000	Mechanical disruptive force	passed/failed
					Force	- 0 kN to 50 kN
1.179.	GOST 1232, subclause 8.14; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Electrical glass insulators; Ceramic electrical insulators; Insulating accessories for electrical equipment and ceramic devices; Electrical insulators;	23.19.25;23.43.10; 27.90.12.110	8546100000;8546200000	Insulation strength	passed/failed

§§	Documents establishing rules and methods of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.179.					AC voltage	- 0 kV to 350 kV
1.180.	GOST 26196, clauses 1-4; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Electrical glass insulators; Ceramic electrical insulators; Insulating accessories for electrical equipment and ceramic devices; Electrical insulators;	23.19.25;23.43.10; 27.90.12.110	8546100000;8546200000	Radio interference	passed/failed -
					Test voltage	- 0 kV to 500 kV
1.181.	GOST R 52082, subclause 8.1.9; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Electrical insulators; Other vulcanized rubber products not elsewhere classified; Hard rubber in all forms and products thereof; Porous vulcanized rubber flooring and matting;	27.90.12.110;22.19.73	8546901000	AC voltage	- 0 kV to 900 kV
					Insulation strength	passed/failed -

§§	Documents establishing rules and methods of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.182.	GOST R 52082, subclause 8.1.11; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Electrical insulators; Other vulcanized rubber products not elsewhere classified; Hard rubber in all forms and products thereof; Porous vulcanized rubber flooring and matting;	27.90.12.110;22.19.73	8546901000	50 Hz breakdown voltage	- 0 kV to 350 kV
					Insulation strength	passed/failed -
1.183.	GOST R 52082, subclauses 8.8.1, 8.8.5; Non-destructive testing; exterior inspection and measurements	Electrical insulators; Other vulcanized rubber products not elsewhere classified; Hard rubber in all forms and products thereof; Porous vulcanized rubber flooring and matting;	27.90.12.110;22.19.73	8546901000	Dimensions	passed/failed 0 mm to 10000 mm
1.184.	GOST R 52082, subclauses 8.8.2, 8.8.5; Non-destructive testing; exterior inspection and measurements	Electrical insulators; Other vulcanized rubber products not elsewhere classified; Hard rubber in all forms and products thereof; Porous vulcanized rubber flooring and matting;	27.90.12.110;22.19.73	8546901000	Flange face surfaces excentricity	passed/failed 0 mm to 10 mm

§§	Documents establishing rules and methods of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.184.					Flange face surfaces parallelism	passed/failed 0 mm to 10 mm
1.185.	GOST R 52082, subclauses 8.8.3, 8.8.5 (by adhesive tape with paper base); Non-destructive testing; exterior inspection and measurements	Electrical insulators; Other vulcanized rubber products not elsewhere classified; Hard rubber in all forms and products thereof; Porous vulcanized rubber flooring and matting;	27.90.12.110;22.19.73	8546901000	Leakage path length	passed/failed 0 mm to 10000 mm
1.186.	GOST R 52082, subclauses 8.8.4, 8.8.5; Non-destructive testing; exterior inspection and measurements	Electrical insulators; Other vulcanized rubber products not elsewhere classified; Hard rubber in all forms and products thereof; Porous vulcanized rubber flooring and matting;	27.90.12.110;22.19.73	8546901000	Mass	passed/failed 0.5 kg to 500 kg

§§	Documents establishing rules and methods of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.187.	GOST R 52082, subclause 8.9.6; Environmental effect testing; other methods of environmental effect investigation (testing)	Electrical insulators; Other vulcanized rubber products not elsewhere classified; Hard rubber in all forms and products thereof; Porous vulcanized rubber flooring and matting;	27.90.12.110;22.19.73	8546901000	Resistance to dyeing liquid penetration	passed/failed -
					Dye rise time	- 0 min to 60 min
1.188.	GOST R 52082, subclause 8.1.7; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Electrical insulators; Other vulcanized rubber products not elsewhere classified; Hard rubber in all forms and products thereof; Porous vulcanized rubber flooring and matting;	27.90.12.110;22.19.73	8546901000	Resistance to steep impulse voltage	passed/failed -
					Pulse tilt	- 0 kV/μs to 2000 kV/μs
1.189.	GOST R 52082, subclause 8.1.12; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Electrical insulators; Other vulcanized rubber products not elsewhere classified; Hard rubber in all forms and products thereof; Porous vulcanized rubber flooring and matting;	27.90.12.110;22.19.73	8546901000	Partial discharge	passed/failed 1 pC to 10000 pC

§§	Documents establishing rules and methods of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
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1.189.						
1.190.	GOST R 52082, subclause 8.2; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Electrical insulators; Other vulcanized rubber products not elsewhere classified; Hard rubber in all forms and products thereof; Porous vulcanized rubber flooring and matting;	27.90.12.110;22.19.73	8546901000	Tracking erosion resistance	passed/failed 10 kV to 80 kV
					Test voltage	- 10 kV to 80 kV
1.191.	GOST R 52082, subclauses 8.6.4 - 8.6.5; Environmental effect testing; other methods of environmental effect investigation (testing)	Electrical insulators; Other vulcanized rubber products not elsewhere classified; Hard rubber in all forms and products thereof; Porous vulcanized rubber flooring and matting;	27.90.12.110;22.19.73	8546901000	Resistance to water penetration	passed/failed -
					Holding time	- 0 h to 120 h

§§	Documents establishing rules and methods of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.192.	GOST R 52082, subclause 8.9.1; Environmental effect testing; other methods of environmental effect investigation (testing)	Electrical insulators; Other vulcanized rubber products not elsewhere classified; Hard rubber in all forms and products thereof; Porous vulcanized rubber flooring and matting;	27.90.12.110;22.19.73	8546901000	Water repellence class	- 1 class to 7 class
1.193.	GOST R 52082, subclauses 8.9.2, 8.9.3; Non-destructive testing; exterior inspection and measurements	Electrical insulators; Other vulcanized rubber products not elsewhere classified; Hard rubber in all forms and products thereof; Porous vulcanized rubber flooring and matting;	27.90.12.110;22.19.73	8546901000	Surface quality of protective enclosure	passed/failed -
					Corrosion-protective coating quality	passed/failed -
1.194.	GOST R 52082, subclause 8.9.4; Non-destructive testing; exterior inspection and measurements	Electrical insulators; Other vulcanized rubber products not elsewhere classified; Hard rubber in all forms and products thereof; Porous vulcanized rubber flooring and matting;	27.90.12.110;22.19.73	8546901000	Protective coating thickness	- 0 µm to 5000 µm

§§	Documents establishing rules and methods of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1. 194.						
1.195.	GOST R 52082, subclauses 8.9.5.1, 8.9.5.2, 8.9.5.5 (by tearing method); Physical and mechanical; other physical and mechanical investigation (testing) methods to determine physical and mechanical parameters	Electrical insulators; Other vulcanized rubber products not elsewhere classified; Hard rubber in all forms and products thereof; Porous vulcanized rubber flooring and matting;	27.90.12.110;22.19.73	8546901000	Protective coating adhesion	passed/failed -
					Force	- 0 kN to 2 kN
1.196.	GOST R 55189, subclauses 8.1.1, 8.1.5, 8.1.11, 8.1.12; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Electrical insulators; Other vulcanized rubber products not elsewhere classified; Hard rubber in all forms and products thereof; Porous vulcanized rubber flooring and matting;	27.90.12.110;22.19.73	8546901000	Insulation strength	passed/failed -
					Pulse tilt	- 500 kV/μs to 2500 kV/μs

§§	Documents establishing rules and methods of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.196.					AC voltage	- 1 kV to 900 kV
					Surface temperature	- 0 °C to +300 °C
1.197.	GOST R 55189, subclause 8.2; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Electrical insulators; Other vulcanized rubber products not elsewhere classified; Hard rubber in all forms and products thereof; Porous vulcanized rubber flooring and matting;	27.90.12.110;22.19.73	8546901000	Tracking erosion resistance	passed/failed -
					AC voltage	- 10 kV to 80 kV
1.198.	GOST R 55189, subclause 8.3; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Electrical insulators; Other vulcanized rubber products not elsewhere classified; Hard rubber in all forms and products thereof; Porous vulcanized rubber flooring and matting;	27.90.12.110;22.19.73	8546901000	Radio interference	passed/failed 10 dB to 100 dB

§§	Documents establishing rules and methods of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.198.						
1.199.	GOST R 55189, subclause 8.5.4; Environmental effect testing; other methods of environmental effect investigation (testing)	Electrical insulators; Other vulcanized rubber products not elsewhere classified; Hard rubber in all forms and products thereof; Porous vulcanized rubber flooring and matting;	27.90.12.110;22.19.73	8546901000	Resistance to water penetration	passed/failed -
					Pulse tilt	- 0 kV/μs to 2500 kV/μs
					AC voltage	- 0 kV to 600 kV
1.200.	GOST R 55189, subclauses 8.6.1, 8.6.4; Non-destructive testing; exterior inspection and measurements	Electrical insulators; Other vulcanized rubber products not elsewhere classified; Hard rubber in all forms and products thereof; Porous vulcanized rubber flooring and matting;	27.90.12.110;22.19.73	8546901000	Dimensions	passed/failed 0 mm to 15000 mm

§§	Documents establishing rules and methods of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.200.						
1.201.	GOST R 55189, subclauses 8.6.2, 8.6.4; Non-destructive testing; exterior inspection and measurements	Electrical insulators; Other vulcanized rubber products not elsewhere classified; Hard rubber in all forms and products thereof; Porous vulcanized rubber flooring and matting;	27.90.12.110;22.19.73	8546901000	Leakage path length	passed/failed 0 mm to 15000 mm
1.202.	GOST R 55189, subclauses 8.6.3, 8.6.4; Non-destructive testing; exterior inspection and measurements	Electrical insulators; Other vulcanized rubber products not elsewhere classified; Hard rubber in all forms and products thereof; Porous vulcanized rubber flooring and matting;	27.90.12.110;22.19.73	8546901000	Mass	passed/failed 0.1 kg to 500 kg

§§	Documents establishing rules and methods of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.203.	GOST R 55189, subclause 8.7.5; Environmental effect testing; other methods of environmental effect investigation (testing)	Electrical insulators; Other vulcanized rubber products not elsewhere classified; Hard rubber in all forms and products thereof; Porous vulcanized rubber flooring and matting;	27.90.12.110;22.19.73	8546901000	Water repellence class	- 1 class to 7 class
1.204.	GOST R 55189, subclause 8.7.6; Environmental effect testing; other methods of environmental effect investigation (testing)	Electrical insulators; Other vulcanized rubber products not elsewhere classified; Hard rubber in all forms and products thereof; Porous vulcanized rubber flooring and matting;	27.90.12.110;22.19.73	8546901000	Resistance to dyeing liquid penetration	passed/failed -
					Dye rise time	- 0 min to 60 min
1.205.	GOST R 55189, subclause 8.7.9; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Electrical insulators; Other vulcanized rubber products not elsewhere classified; Hard rubber in all forms and products thereof; Porous vulcanized rubber flooring and matting;	27.90.12.110;22.19.73	8546901000	Partial discharge extinction voltage	passed/failed -

§§	Documents establishing rules and methods of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.205.					Partial discharge	- 1 pC to 10000 pC
					AC voltage	- 1 kV to 350 kV
1.206.	GOST 28856, subclauses 5.1.1.4, 5.1.2, 5.1.3.1, 5.1.3.2, 5.1.3.6; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Electrical insulators; Other vulcanized rubber products not elsewhere classified; Hard rubber in all forms and products thereof; Porous vulcanized rubber flooring and matting; Insulators for electrified railway overhead; Insulators for electrified railway overhead; Insulators for electrified railway overhead; Insulators for electrified railway overhead;	27.90.12.110;22.19.73	8546901000	Insulation strength	passed/failed -
					Lightning impulse voltage	- 3 kV to 2250 kV
					Switching surge voltage	- 750 kV to 1600 kV



§§	Documents establishing rules and methods of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.206.					AC voltage	- 1 kV to 950 kV
					Pulse tilt	- 500 kV/μs to 2000 kV/μs
1.207.	GOST 28856, subclauses 5.1.1.5, 5.1.2.1, 5.1.3.7 - 5.1.3.9; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Electrical insulators; Other vulcanized rubber products not elsewhere classified; Hard rubber in all forms and products thereof; Porous vulcanized rubber flooring and matting; Insulators for electrified railway overhead; Insulators for electrified railway overhead; Insulators for electrified railway overhead; Insulators for electrified railway overhead;	27.90.12.110;22.19.73	8546901000	Tracking erosion resistance	passed/failed -
					AC voltage	- 10 kV to 80 kV

§§	Documents establishing rules and methods of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.207.						
1.208.	GOST 28856, subclause 5.4.1.1; Non-destructive testing; exterior inspection and measurements	Electrical insulators; Other vulcanized rubber products not elsewhere classified; Hard rubber in all forms and products thereof; Porous vulcanized rubber flooring and matting; Insulators for electrified railway overhead; Insulators for electrified railway overhead; Insulators for electrified railway overhead; Insulators for electrified railway overhead;	27.90.12.110;22.19.73	8546901000	Dimensions	0 mm to 15000 mm

§§	Documents establishing rules and methods of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.209.	GOST 28856, subclause 5.4.1.2; Non-destructive testing; exterior inspection and measurements	Electrical insulators; Other vulcanized rubber products not elsewhere classified; Hard rubber in all forms and products thereof; Porous vulcanized rubber flooring and matting; Insulators for electrified railway overhead; Insulators for electrified railway overhead; Insulators for electrified railway overhead; Insulators for electrified railway overhead;	27.90.12.110;22.19.73	8546901000	Leakage path length	- 0 mm to 15000 mm
1.210.	GOST 28856, subclause 5.1.3.4; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Electrical insulators; Other vulcanized rubber products not elsewhere classified; Hard rubber in all forms and products thereof; Porous vulcanized rubber flooring and matting;	27.90.12.110;22.19.73	8546901000	Radio interference	passed/failed 10 dB to 100 dB

§§	Documents establishing rules and methods of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.210.						
1.211.	GOST 34205, subclause 7.11; Environmental effect testing; other methods of environmental effect investigation (testing)	Electrical insulators; Insulators for electrified railway overhead; Insulators for electrified railway overhead; Insulators for electrified railway overhead; Insulators for electrified railway overhead;	27.90.12.110	853590000	Resistance to steep impulse voltage	passed/failed -
					Pulse tilt	- 500 kV/μs to 3000 kV/μs
1.212.	GOST 28739, clause 17; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Electrical insulators; Other vulcanized rubber products not elsewhere classified; Hard rubber in all forms and products thereof; Porous vulcanized rubber flooring and matting;	27.90.12.110;22.19.73	8546901000	Power-frequency voltage	- 0 kV to 200 kV
					Partial discharge extinction voltage	passed/failed -

§§	Documents establishing rules and methods of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.213.	GOST 28739, clause 22; Environmental effect testing; other methods of environmental effect investigation (testing)	Electrical insulators; Other vulcanized rubber products not elsewhere classified; Hard rubber in all forms and products thereof; Porous vulcanized rubber flooring and matting;	27.90.12.110;22.19.73	8546901000	Water absorption capacity	passed/failed
					Power-frequency voltage	- 0 kV to 500 kV
1.214.	GOST 30284, subclause 7.13; Environmental effect testing; other methods of environmental effect investigation (testing)	Electrical glass insulators; Ceramic electrical insulators; Insulating accessories for electrical equipment and ceramic devices; Electrical insulators; Other vulcanized rubber products not elsewhere classified; Hard rubber in all forms and products thereof; Porous vulcanized rubber flooring and matting; Insulators for electrified railway overhead; Insulators for electrified railway overhead;	23.19.25;23.43.10; 27.90.12.110;22.19.73	8546100000;8546200000; 8546901000	Resistance to water penetration	passed/failed
					Water temperature	- 0 °C to 100 °C

§§	Documents establishing rules and methods of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.214.		Insulators for electrified railway overhead; Insulators for electrified railway overhead;				
1.215.	GOST 30284, subclause 7.14; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Electrical glass insulators; Ceramic electrical insulators; Insulating accessories for electrical equipment and ceramic devices; Electrical insulators; Other vulcanized rubber products not elsewhere classified; Hard rubber in all forms and products thereof; Porous vulcanized rubber flooring and matting; Insulators for electrified railway overhead; Insulators for electrified railway overhead;	23.19.25;23.43.10; 27.90.12.110;22.19.73	8546100000;8546200000; 8546901000	Resistance to steep impulse voltage  Pulse tilt	passed/failed -  0 kV/μs to 2000 kV/μs

§§	Documents establishing rules and methods of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.215.		Insulators for electrified railway overhead; Insulators for electrified railway overhead;				
1.216.	GOST 30284, subclause 7.16; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Electrical glass insulators; Ceramic electrical insulators; Insulating accessories for electrical equipment and ceramic devices; Electrical insulators; Other vulcanized rubber products not elsewhere classified; Hard rubber in all forms and products thereof; Porous vulcanized rubber flooring and matting; Insulators for electrified railway overhead; Insulators for electrified railway overhead; Insulators for electrified railway overhead;	23.19.25;23.43.10; 27.90.12.110;22.19.73	8546100000;8546200000; 8546901000	Tracking erosion resistance  Voltage	passed/failed - 10 kV to 80 kV

§§	Documents establishing rules and methods of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.216.		Insulators for electrified railway overhead;				
1.217.	GOST R 52287-2004 (IEC 60772-1983), subclause 6.4.3; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Ceramic electrical insulators; Insulating accessories for electrical equipment and ceramic devices; Electrical switchgear or protective equipment packages; Wiring products; Wiring products;	23.43.10;27.12.3;27.33;27.33.1	853720;8546200000;8546901000	Continuity	passed/failed -
					Resistance	- 0 kΩ to 1 kΩ
1.218.	GOST R 52287-2004 (IEC 60772-1983), subclause 6.4.6; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Ceramic electrical insulators; Insulating accessories for electrical equipment and ceramic devices; Electrical switchgear or protective equipment packages; Wiring products; Wiring products;	23.43.10;27.12.3;27.33;27.33.1	853720;8546200000;8546901000	Partial discharge	- 1 pC to 10000 pC



§§	Documents establishing rules and methods of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.219.	GOST R 52287-2004 (IEC-60772-1983), subclause 6.4.9; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Ceramic electrical insulators; Insulating accessories for electrical equipment and ceramic devices; Electrical switchgear or protective equipment packages; Wiring products; Wiring products;	23.43.10;27.12.3;27.33;27.33.1	853720;8546200000;8546901000	Short-time rated overcurrent	passed/failed 0 A to 5000 A
1.220.	GOST R 55187, subclause 9.1; Non-destructive testing; exterior inspection and measurements	Electrical insulators; Ceramic electrical insulators; Insulating accessories for electrical equipment and ceramic devices; Other vulcanized rubber products not elsewhere classified; Hard rubber in all forms and products thereof; Porous vulcanized rubber flooring and matting;	27.60.12.110;23.43.10;22.19.73	8546200000;8546401000	Dimensions	- 0 mm to 15000 mm

§§	Documents establishing rules and methods of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.221.	GOST R 55187, subclause 9.1 (visually); Non-destructive testing; exterior inspection and measurements	Electrical insulators; Ceramic electrical insulators; Insulating accessories for electrical equipment and ceramic devices; Other vulcanized rubber products not elsewhere classified; Hard rubber in all forms and products thereof; Porous vulcanized rubber flooring and matting;	27.60.12.110;23.43.10; 22.19.73	-	Visible defects	available/not available -
1.222.	GOST R 55187, subclause 9.1 (by general-purpose balance); Non-destructive testing; exterior inspection and measurements	Electrical insulators; Ceramic electrical insulators; Insulating accessories for electrical equipment and ceramic devices; Other vulcanized rubber products not elsewhere classified; Hard rubber in all forms and products thereof; Porous vulcanized rubber flooring and matting;	27.90.12.110;23.43.10; 22.19.73	-	Mass	- 0 kg to 2000 kg

§§	Documents establishing rules and methods of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.223.	GOST R 55187, subclause 9.4; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Electrical insulators; Ceramic electrical insulators; Insulating accessories for electrical equipment and ceramic devices; Other vulcanized rubber products not elsewhere classified; Hard rubber in all forms and products thereof; Porous vulcanized rubber flooring and matting;	27.90.12.110;23.43.10; 22.19.73	8546200000;8546901000	Insulation resistance	- 3*10 <sup>3</sup> Ω to 10 <sup>12</sup> Ω
1.224.	GOST R 55187, subclause 9.5; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Electrical insulators; Ceramic electrical insulators; Insulating accessories for electrical equipment and ceramic devices; Other vulcanized rubber products not elsewhere classified; Hard rubber in all forms and products thereof; Porous vulcanized rubber flooring and matting;	27.90.12.110;23.43.10; 22.19.73	8546200000;8546901000	Insulation strength	passed/failed -
					Power-frequency voltage	- 0 kV to 5 kV

§§	Documents establishing rules and methods of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.225.	GOST R 55187, subclause 9.6; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Electrical insulators; Ceramic electrical insulators; Insulating accessories for electrical equipment and ceramic devices; Other vulcanized rubber products not elsewhere classified; Hard rubber in all forms and products thereof; Porous vulcanized rubber flooring and matting;	27.90.12.110;23.43.10; 22.19.73	8546200000;8546901000	Resistance of current-conducting circuit	- *10 <sup>-6</sup> Ω to 199.9 Ω
					Test current	- 10 <sup>-4</sup> A to 100A
1.226.	GOST R 55187, subclause 9.7; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Electrical insulators; Ceramic electrical insulators; Insulating accessories for electrical equipment and ceramic devices; Other vulcanized rubber products not elsewhere classified; Hard rubber in all forms and products thereof; Porous vulcanized rubber flooring and matting;	27.90.12.110;23.43.10; 22.19.73	8546200000;8546901000	Capacity	- 20 pF to 1000000 pF
					Dielectrical loss angle tangent	- 0.01 % to 100 %

§§	Documents establishing rules and methods of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.227.	GOST R 55187, subclauses 9.8, 9.10, 9.12; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Electrical insulators; Ceramic electrical insulators; Insulating accessories for electrical equipment and ceramic devices; Other vulcanized rubber products not elsewhere classified; Hard rubber in all forms and products thereof; Porous vulcanized rubber flooring and matting;	27.90.12.110;23.43.10;22.19.73	8546200000;8546901000	Insulation strength	passed/failed -
					Switching surge voltage	- 750 kV to 1600 kV
					Lightning impulse voltage	- 3 kV to 2250 kV
					Power-frequency voltage	- 1 kV to 950 kV
1.228.	GOST R 55187, subclause 9.9; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Electrical insulators; Ceramic electrical insulators; Insulating accessories for electrical equipment and ceramic devices; Other vulcanized rubber products not elsewhere classified;	27.90.12.110;23.43.10;22.19.73	8546200000;8546901000	Test voltage	- 0 kV to 350 kV

§§	Documents establishing rules and methods of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.228.		Hard rubber in all forms and products thereof; Porous vulcanized rubber flooring and matting;			Partial discharge	passed/failed 1 pC to 10000 pC
1.229.	GOST R 55187, subclause 9.11; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Electrical insulators; Ceramic electrical insulators; Insulating accessories for electrical equipment and ceramic devices; Other vulcanized rubber products not elsewhere classified; Hard rubber in all forms and products thereof; Porous vulcanized rubber flooring and matting;	27.90.12.110;23.43.10; 22.19.73	8546200000;8546901000	Insulation strength in long-term AC voltage test with partial discharge intensity measurement	passed/failed -
					Power-frequency voltage	- 0 kV to 350 kV
1.230.	GOST R 55187, subclause 9.13; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Electrical insulators; Ceramic electrical insulators; Insulating accessories for electrical equipment and ceramic devices; Other vulcanized rubber products not elsewhere classified;	27.90.12.110;23.43.10; 22.19.73	8546200000;8546901000	Radio interference	passed/failed 10 dB to 100 dB

§§	Documents establishing rules and methods of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.230.		Hard rubber in all forms and products thereof; Porous vulcanized rubber flooring and matting;			Test voltage	- 1 kV to 500 kV
1.231.	GOST R 55187, subclause 9.15; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Electrical insulators; Ceramic electrical insulators; Insulating accessories for electrical equipment and ceramic devices; Other vulcanized rubber products not elsewhere classified; Hard rubber in all forms and products thereof; Porous vulcanized rubber flooring and matting;	27.90.12.110;23.43.10; 22.19.73	8546200000;8546901000	Insulation strength to thermal break-down	passed/failed -
					Power-frequency voltage	- 0 kV to 500 kV
1.232.	GOST R 55187, subclause 9.17; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Electrical insulators; Ceramic electrical insulators; Insulating accessories for electrical equipment and ceramic devices; Other vulcanized rubber products not elsewhere classified;	27.90.12.110;23.43.10; 22.19.73	8546200000;8546901000	Temperature rise	Calculated rate: passed/failed -

§§	Documents establishing rules and methods of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.232.		Hard rubber in all forms and products thereof; Porous vulcanized rubber flooring and matting;			Oil temperature	- 0 °C to 100 °C
					Ambient temperature	- 0 °C to 300 °C
					Temperature	- 0 °C to 300 °C
					Test current	- 0 A to 5000 A
1.233.	GOST R 55187, subclause 9.19; Physical and mechanical; other physical and mechanical investigation (testing) methods to determine physical and mechanical parameters	Electrical insulators; Ceramic electrical insulators; Insulating accessories for electrical equipment and ceramic devices; Other vulcanized rubber products not elsewhere classified;	27.90.12.110;23.43.10; 22.19.73	8546200000;8546901000	Mechanical strength	passed/failed -



§§	Documents establishing rules and methods of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.233.		Hard rubber in all forms and products thereof; Porous vulcanized rubber flooring and matting;			Mechanical load	- 0 kN to 10 kN
1.234.	GOST 51155, subclause 5.1.4; Non-destructive testing; exterior inspection and measurements	Electrical connectors, contact clamps, sets of clamps; Cable accessories;	27.33.13.120; 27.33.13.130	8535900008;8547900000	Exterior	compliant/noncompliant -
					Completeness	compliant/noncompliant -
					Marking and branding	confirmed/not confirmed -
1.235.	GOST R 51155, subclauses 5.3.4-5.3.6; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Electrical connectors, contact clamps, sets of clamps; Cable accessories;	27.33.13.120; 27.33.13.130	8535900008;8547900000	Specific electrical contact resistance	Calculated rate: -

§§	Documents establishing rules and methods of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.236.	GOST R 51155, subclause 5.3.8; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Electrical connectors, contact clamps, sets of clamps; Cable accessories;	27.33.13.120; 27.33.13.130	8535900008;8547900000	Current	- 0.0001 A to 100 A
					Resistance	- 0.000001 $\Omega$ to 199.9 $\Omega$
					Specific electrical contact resistance	Calculated rate: -
					Current	- 0.0001 A to 100 A
					Resistance	- 0.000001 $\Omega$ to 199.9 $\Omega$

§§	Documents establishing rules and methods of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.237.	GOST R 51155, subclause 5.4; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Electrical connectors, contact clamps, sets of clamps; Cable accessories;	27.33.13.120; 27.33.13.130	8535900008;8547900000	Reversal magnetization losses	passed/failed
						-
					Voltage	- 0 V to 1000 V
					Power	- 0 kW to 10 kW
1.238.	GOST R 51155, subclause 5.8; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Electrical connectors, contact clamps, sets of clamps; Cable accessories;	27.33.13.120; 27.33.13.130	8535900008;8547900000	Test current	- 50 A to 5000 A
					Radio interference	passed/failed 10 dB to 100 dB

§§	Documents establishing rules and methods of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.238.					Power-frequency voltage	- 0 kV to 500 kV
1.239.	GOST 2933, subclause 4.1; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Electrical circuit switchgear or protection devices for voltages not greater than 1 kV;	27.12.2	8536	Test voltage	- 0 kV to 10 kV
					Insulation strength	passed/failed -
1.240.	GOST 2933, subclause 4.2; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Electrical circuit switchgear or protection devices for voltages not greater than 1 kV;	27.12.2	8536	Electrical insulation resistance	- 0.003 GΩ to 1000 GΩ
1.241.	GOST 2933, clause 5; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Electrical circuit switchgear or protection devices for voltages not greater than 1 kV;	27.12.2	8536	Temperature rise	Calculated rate: passed/failed

§§	Documents establishing rules and methods of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.241.					Test current	- 100 A to 5000 A
					Temperature	- 0 °C to 300 °C
					Ambient temperature	- 0 °C to 300 °C
					Resistance	- 0.000001 Ω to 199.9 Ω
1.242.	GOST 2933, subclauses 6.1-6.5; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Electrical circuit switchgear or protection devices for voltages not greater than 1 kV;	27.12.2	8536	Electrical resistance	- 0.000001 Ω to 199.9 Ω

§§	Documents establishing rules and methods of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.242.					Direct current	- 0.0001 A to 100 A
1.243.	GOST 2933, subclause 6.6 (by amperemeter-voltmeter method); Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Electrical circuit switchgear or protection devices for voltages not greater than 1 kV;	27.12.2	8536	Voltage	- 0 V to 500 V
					Power consumption	Calculated rate: -
					Current	0 A to 50 A
1.244.	GOST 6815, subclause 6.2; Physical and mechanical; other physical and mechanical investigation (testing) methods to determine physical and mechanical parameters	Electrical switchgear or protective equipment packages;	27.12.3	853720	Mechanical strength	passed/failed -

§§	Documents establishing rules and methods of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.244.					Load	- 0 kN to 1 kN
1.245.	GOST 31996, subclause 8.3.4; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Other electrical conductors for voltages not greater than 1 kV; Other electrical conductors for voltages greater than 1 kV;	27.32.13;27.32.14	854460	Insulation strength	passed/failed -
					Lightning impulse voltage	- 0 kV to 100 kV
					AC voltage	- 0 kV to 50 kV
1.246.	GOST 20494, subclause 8.1 (visually); Non-destructive testing; exterior inspection and measurements	Plastic electrically insulating accessories (OPERATIVE INSULATING RODS AND TEMPORARY EARTH RODS);	27.33.14	-	Completeness	compliant/noncompliant -

§§	Documents establishing rules and methods of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.246.					Marking and branding	confirmed/not confirmed -
					Surface condition	detected/not detected -
1.247.	GOST 20494, subclause 8.1 (by measurement tool); Non-destructive testing; exterior inspection and measurements	Plastic electrically insulating accessories;	27.33.14	-	Dimensions	- 0 mm to 15000 mm
1.248.	GOST 20494, subclause 8.1 (by weighting); Non-destructive testing; exterior inspection and measurements	Plastic electrically insulating accessories;	27.33.14	-	Mass	- 0 kg to 500 kg
1.249.	GOST 20494, subclause 8.4; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Plastic electrically insulating accessories (OPERATIVE INSULATING RODS AND TEMPORARY EARTH RODS);	27.33.14	-	Insulation strength	passed/failed -



§§	Documents establishing rules and methods of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.249.					AC voltage	- 0 kV to 950 kV
1.250.	GOST 20494, subclause 8.5.1; Physical and mechanical; other physical and mechanical investigation (testing) methods to determine physical and mechanical parameters	Plastic electrically insulating accessories (OPERATIVE INSULATING RODS AND TEMPORARY EARTH RODS);	27.33.14	-	Tensile strength	passed/failed -
					Force	- 0 kN to 10 kN
1.251.	GOST 20494, subclause 8.5.2; Physical and mechanical; other physical and mechanical investigation (testing) methods to determine physical and mechanical parameters	Plastic electrically insulating accessories (OPERATIVE INSULATING RODS AND TEMPORARY EARTH RODS);	27.33.14	-	Mechanical bending strength in dry condition	passed/failed -
1.252.	GOST 20494, subclause 8.5.4; Physical and mechanical; other physical and mechanical investigation (testing) methods to determine physical and mechanical parameters	Plastic electrically insulating accessories (OPERATIVE INSULATING RODS AND TEMPORARY EARTH RODS);	27.33.14	-	Maximum force per hand	- 0 kN to 1 kN



§§	Documents establishing rules and methods of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.254.	GOST R 51321.1-2007 (IEC 60439-1:2004), subclause 8.2.4.1; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Electrical switchgear or protective equipment packages; Panels and other electrical switchgear or protective equipment packages for voltages not greater than 1 kV; Panels and other electrical switchgear or protective equipment packages for voltages greater than 1 kV; Switchgear and regulating electrical equipment; Switchgear for connection to electrical circuits for voltages greater than 1 kV; Electrical circuit switchgear or protection devices for voltages not greater than 1 kV; Sections of electrical switchgear or regulating equipment;	27.12.3;27.12.31; 27.12.32;27.12;27.12.1; 27.12.2;27.12.4	8536;853610;853620; 853630;853650; 853670000;853690;8537	Protective circuit continuity	passed/failed -
					Resistance between clamp PE and different protective circuit points	passed/failed -
					Test voltage	- 0 V to 500 V
					Test current	- 0 A to 100 A
1.255.	GOST R 51321.1-2007 (IEC 60439-1:2004), subclause 8.2.5; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Electrical switchgear or protective equipment packages; Panels and other electrical switchgear or protective equipment packages for voltages not greater than 1 kV;	27.12.3;27.12.31; 27.12.32;27.12;27.12.1; 27.12.2;27.12.4	8536;853610;853620; 853630;853650; 853670000;853690;8537	Air clearances and leakage distances	- 0 mm to 8000 mm

§§	Documents establishing rules and methods of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.255.		Panels and other electrical switchgear or protective equipment packages for voltages greater than 1 kV; Switchgear and regulating electrical equipment; Switchgear for connection to electrical circuits for voltages greater than 1 kV; Electrical circuit switchgear or protection devices for voltages not greater than 1 kV; Sections of electrical switchgear or regulating equipment;				
1.256.	GOST R 51321.1-2007 (IEC 60439-1:2004), subclause 8.2.6; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Electrical switchgear or protective equipment packages; Panels and other electrical switchgear or protective equipment packages for voltages not greater than 1 kV; Panels and other electrical switchgear or protective equipment packages for voltages greater than 1 kV;	27.12.3;27.12.31; 27.12.32;27.12;27.12.1; 27.12.2;27.12.4	8536;853610;853620; 853630;853650; 853670000;853690;8537	Mechanical operability	passed/failed -

§§	Documents establishing rules and methods of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.256.		Switchgear and regulating electrical equipment; Switchgear for connection to electrical circuits for voltages greater than 1 kV; Electrical circuit switchgear or protection devices for voltages not greater than 1 kV; Sections of electrical switchgear or regulating equipment;			Force	- 0 kN to 1 kN
1.257.	GOST R 51321.1-2007 (IEC 60439-1:2004), subclause 8.3.4; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Electrical switchgear or protective equipment packages; Panels and other electrical switchgear or protective equipment packages for voltages not greater than 1 kV; Panels and other electrical switchgear or protective equipment packages for voltages greater than 1 kV; Switchgear and regulating electrical equipment;	27.12.3;27.12.31; 27.12.32;27.12;27.12.1; 27.12.2;27.12.4	8536;853610;853620; 853630;853650; 853670000;853690;8537	Electrical insulation resistance	- 0 $\Omega$ to 10 <sup>12</sup> $\Omega$

§§	Documents establishing rules and methods of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.257.		Switchgear for connection to electrical circuits for voltages greater than 1 kV; Electrical circuit switchgear or protection devices for voltages not greater than 1 kV; Sections of electrical switchgear or regulating equipment;				
1.258.	GOST 1516.3, subclauses 4.3, 4.4, 4.5.4, 4.5.5, 4.14, 8.1.4, 8.2.2, 8.3, 8.4.2, 8.4.5, 13.5, 13.6; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Electromotors, generators, and transformers; Electromotors of power not greater than 37.5 W; Other DC electromotors; DC generators; General-purpose AC and DC electromotors of power not greater than 37.5 W; Other AC electromotors; AC generators (synchronous generators); Power generating plants and rotary converters;	27.11;27.11.1;27.11.2; 27.11.3;27.11.4;27.11.5; 27.11.6;27.12;27.12.1; 27.12.2;27.12.3;27.12.4; 27.20;27.20.1;27.20.2; 27.31;27.31.1;27.32; 27.32.1;27.33;27.33.1; 27.40;27.40.2;27.40.3; 27.40.4;27.40.1;27.51; 27.51.1;27.51.2;27.51.3; 27.52;27.52.1;27.52.2; 27.90;27.90.1;27.90.2; 27.90.3;27.90.4;27.90.5; 27.90.6;27.90.7;27.90.8	8504;8535;8536;8546	Insulation strength  Test voltage  Lightning impulse voltage	passed/failed - 0 kV to 6 kV - 3 kV to 2250 kV

§§	Documents establishing rules and methods of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.258.		Electrical transformers; Ballast elements for gas-discharge lamps or tubes; Static electrical transducers; Other inductance coils; Parts of electromotors, generators, and transformers; Switchgear and regulating electrical equipment; Switchgear for connection to electrical circuits for voltages greater than 1 kV; Electrical circuit switchgear or protection devices for voltages not greater than 1 kV; Electrical switchgear or protective equipment packages; Sections of electrical switchgear or regulating equipment; Batteries and accumulators; Primary elements, primary batteries, and their parts;			Switching surge voltage	- 750 kV to 1600 kV

§§	Documents establishing rules and methods of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.258.		Electrical accumulators and their parts; Optical fiber cables; Optical fiber cables; Other electronic and electrical leads and cables; Other electronic and electrical leads and cables; Wiring products; Wiring products; Electrical lighting equipment; Lamps and lighting facilities; Other lamps and lighting facilities; Parts of lamps and lighting facilities; Incandescent electrical lamp and gas-discharge lamps; Arc lamps; LED lamps; Electrical appliances;				



§§	Documents establishing rules and methods of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.258.		Refrigerators and freezers; washing machines; electrical blankets; fans; Other electrical appliances not elsewhere classified; Parts of electrical appliances; Nonelectrical appliances; Nonelectrical appliances for food preparation and heating; Parts of furnaces, stoves, plate heaters and similar nonelectrical appliances; Other electrical equipment; Other electrical equipment and its parts; Liquid-crystalline or light-emitting diode indicative plates; Sound or light signaling electrical equipment; Electrical instruments for soldering and brazing, welding, machines and apparatus for surface heat treatment and thermal spraying;				

§§	Documents establishing rules and methods of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.258.		Other electrical equipment not elsewhere classified (including electromagnets; electromagnetic couplings and brakes; electromagnetic lifting clamps; electrical particle accelerators; electrical signal generators); Electrical capacitors; Resistors, except for heating resistors; Electrical signaling devices, electrical equipment to provide traffic safety and control on railways, tramlines, motor roads, inland waterways, parking areas, in port facilities or at aerodromes; Parts of electrical capacitors, electrical resistors, rheostats, and potentiometers;				

§§	Documents establishing rules and methods of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.258.		Packaged transformer substations; Power circuit-breakers; Disconnecting switches and earthing switches, isolating switches and short-circuiting switches; Surge arresters, overvoltage suppressors; Current transformers; Voltage transformers; Capacitors and capacitor units; Packaged switchgear; Single-end service assembled chambers; Sulphur hexafluoride packaged switchgear;				
1.259.	GOST 17512, clauses 2-4; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Electromotors, generators, and transformers; Electromotors of power not greater than 37.5 W;	27.11;27.11.1;27.11.2; 27.11.3;27.11.4; 27.11.5;27.11.6;27.12; 27.12.1;27.12.2;27.12.3; 27.12.4;27.20;	8504;8535;8536;8546	Lightning impulse voltage	- 3 kV to 2250 kV

§§	Documents establishing rules and methods of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.259.		Other DC electromotors; DC generators; General-purpose AC and DC electromotors of power not greater than 37.5 W; Other AC electromotors; AC generators (synchronous generators); Power generating plants and rotary converters; Electrical transformers; Ballast elements for gas-discharge lamps or tubes; Static electrical transducers; other inductance coils; Parts of electromotors, generators, and transformers; Switchgear and regulating electrical equipment; Switchgear for connection to electrical circuits for voltages greater than 1 kV;	27.20.1;27.20.2;27.31; 27.31.1;27.32;27.32.1; 27.33;27.33.1;27.40; 27.40.2;27.40.3;27.40.4; 27.40.1;27.51;27.51.1; 27.51.2;27.51.3;27.52; 27.52.1;27.52.2;27.90; 27.90.1;27.90.2;27.90.3; 27.90.4;27.90.5; 27.90.6;27.90.7;27.90.8		AC voltage	- 1 kV to 950 kV
					Switching surge voltage	- 750 kV to 1600 kV

§§	Documents establishing rules and methods of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.259.		Electrical circuit switchgear or protection devices for voltages not greater than 1 kV; Electrical switchgear or protective equipment packages; Sections of electrical switchgear or regulating equipment; Batteries and accumulators; Primary elements, primary batteries, and their parts; Electrical accumulators and their parts; Optical fiber cables; Optical fiber cables; Other electronic and electrical leads and cables; Other electronic and electrical leads and cables; Wiring products; Wiring products;				

§§	Documents establishing rules and methods of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.259.		Electrical lighting equipment; Lamps and lighting facilities; Other lamps and lighting facilities; Parts of lamps and lighting facilities; Incandescent electrical lamp and gas-discharge lamps; Arc lamps; LED lamps; Electrical appliances; Refrigerators and freezers; washing machines; electrical blankets; fans; Other electrical appliances not elsewhere classified; Parts of electrical appliances; Nonelectrical appliances; Nonelectrical appliances for food preparation and heating; Parts of furnaces, stoves, plate heaters and similar nonelectrical appliances;				

§§	Documents establishing rules and methods of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.259.		Other electrical equipment; Other electrical equipment and its parts; Liquid-crystalline or light-emitting diode indicative plates; sound or light signaling electrical equipment; Electrical instruments for soldering and brazing, welding, machines and apparatus for surface heat treatment and thermal spraying; Other electrical equipment not elsewhere classified (including electromagnets; electromagnetic couplings and brakes; electromagnetic lifting clamps; electrical particle accelerators; electrical signal generators); Electrical capacitors;				





§§	Documents establishing rules and methods of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.260.		Other AC electromotors; AC generators (synchronous generators); Power generating plants and rotary converters; Electrical transformers; Ballast elements for gas-discharge lamps or tubes; Static electrical transducers; Other inductance coils; Parts of electromotors, generators, and transformers; Switchgear and regulating electrical equipment; Switchgear for connection to electrical circuits for voltages greater than 1 kV; Electrical circuit switchgear or protection devices for voltages not greater than 1 kV;	27.90.2;27.90.3;27.90.4; 27.90.5;27.90.6;27.90.7; 27.90.8			

§§	Documents establishing rules and methods of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.260.		Electrical switchgear or protective equipment packages; Sections of electrical switchgear or regulating equipment; Batteries and accumulators; Primary elements, primary batteries, and their parts; Electrical accumulators and their parts; Optical fiber cables; Optical fiber cables; Other electronic and electrical leads and cables; Other electronic and electrical leads and cables; Wiring products; Wiring products; Electrical lighting equipment; Lamps and lighting facilities; Other lamps and lighting facilities; Parts of lamps and lighting facilities;				

§§	Documents establishing rules and methods of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.260.		Incandescent electrical lamp and gas-discharge lamps; Arc lamps; LED lamps; Electrical appliances; Refrigerators and freezers; washing machines; electrical blankets; fans; Other electrical appliances not elsewhere classified; Parts of electrical appliances; Nonelectrical appliances; Nonelectrical appliances for food preparation and heating; Parts of furnaces, stoves, plate heaters and similar nonelectrical appliances; Other electrical equipment; Other electrical equipment and its parts;				

§§	Documents establishing rules and methods of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.260.		Liquid-crystalline or light-emitting diode indicative plates; Sound or light signaling electrical equipment; Electrical instruments for soldering and brazing, welding, machines and apparatus for surface heat treatment and thermal spraying; Other electrical equipment not elsewhere classified (including electromagnets; electromagnetic couplings and brakes; electromagnetic lifting clamps; electrical particle accelerators; electrical signal generators); Electrical capacitors; Resistors, except for heating resistors; Electrical signaling devices, electrical equipment to provide traffic safety and control on railways, tramlines, motor roads, inland waterways, parking areas, in port facilities or at aerodromes;				

§§	Documents establishing rules and methods of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.260.		Parts of electrical capacitors, electrical resistors, rheostats, and potentiometers;				
1.261.	RAPM.411218.002RE; Non-destructive testing; exterior inspection and measurements	Electromotors, generators, and transformers; Electromotors of power not greater than 37.5 W; Other DC electromotors; DC generators; General-purpose AC and DC electromotors of power not greater than 37.5 W; Other AC electromotors; AC generators (synchronous generators); Power generating plants and rotary converters;	27.11;27.11.1;27.11.2; 27.11.3;27.11.4;27.11.5; 27.11.6;27.12;27.12.1; 27.12.2;27.12.3;27.12.4; 27.20;27.20.1;27.20.2; 27.31;27.31.1;27.32; 27.32.1;27.33;27.33.1; 27.40;27.40.2;27.40.3; 27.40.4;27.40.1;27.51; 27.51.1;27.51.2;27.51.3; 27.52;27.52.1;27.52.2; 27.90;27.90.1;27.90.2; 27.90.3;27.90.4;27.90.5; 27.90.6;27.90.7;27.90.8	8536;8537;8546	Insulation resistance	- 0 GΩ to 1000 GΩ

§§	Documents establishing rules and methods of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.261.		Electrical transformers; Ballast elements for gas-discharge lamps or tubes; Static electrical transducers; other inductance coils; Parts of electromotors, generators, and transformers; Switchgear and regulating electrical equipment; Switchgear for connection to electrical circuits for voltages greater than 1 kV; Electrical circuit switchgear or protection devices for voltages not greater than 1 kV; Electrical switchgear or protective equipment packages; Sections of electrical switchgear or regulating equipment; Batteries and accumulators; Primary elements, primary batteries, and their parts;				

§§	Documents establishing rules and methods of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.261.		Electrical accumulators and their parts; Optical fiber cables; Optical fiber cables; Other electronic and electrical leads and cables; Other electronic and electrical leads and cables; Wiring products; Wiring products; Electrical lighting equipment; Lamps and lighting facilities; Other lamps and lighting facilities; Parts of lamps and lighting facilities; Incandescent electrical lamp and gas-discharge lamps; Arc lamps; LED lamps; Electrical appliances;				

§§	Documents establishing rules and methods of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.261.		Refrigerators and freezers; washing machines; electrical blankets; fans; Other electrical appliances not elsewhere classified; Parts of electrical appliances; Nonelectrical appliances; Nonelectrical appliances for food preparation and heating; Parts of furnaces, stoves, plate heaters and similar nonelectrical appliances; Other electrical equipment; Other electrical equipment and its parts; Liquid-crystalline or light-emitting diode indicative plates; sound or light signaling electrical equipment; Electrical instruments for soldering and brazing, welding, machines and apparatus for surface heat treatment and thermal spraying;				



§§	Documents establishing rules and methods of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.261.		Other electrical equipment not elsewhere classified (including electromagnets; electromagnetic couplings and brakes; electromagnetic lifting clamps; electrical particle accelerators; electrical signal generators); Electrical capacitors; Resistors, except for heating resistors; Electrical signaling devices, electrical equipment to provide traffic safety and control on railways, tramlines, motor roads, inland waterways, parking areas, in port facilities or at aerodromes; Parts of electrical capacitors, electrical resistors, rheostats, and potentiometers;				

§§	Documents establishing rules and methods of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.261.						
1.262.	GOST R 55025, subclause 8.3.3; Non-destructive testing; exterior inspection and measurements	Other electrical conductors for voltages greater than 1 kV; Power cables with plastic and paper insulation for stationary cable laying for voltage greater than 1 kV (through to 35 kV);	27.32.14	854460	Specific insulation resistance	Calculated rate: -
					Electrical insulation resistance constant	Calculated rate: -
					Electrical insulation resistance	- $3 \cdot 10^3 \Omega$ to $10^{12} \Omega$
					Length	- 0 mm to 8000 mm

§§	Documents establishing rules and methods of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.262.					Diameter	- 0 mm to 8000 mm
1.263.	GOST R 55025, subclause 8.3.6; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Other electrical conductors for voltages greater than 1 kV; Power cables with plastic and paper insulation for stationary cable laying for voltage greater than 1 kV (through to 35 kV);	27.32.14	854460	Insulation strength	passed/failed -
					Test voltage	- 0 kV to 500 kV
1.264.	GOST R 55025, subclause 8.3.8; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Other electrical conductors for voltages greater than 1 kV; Power cables with plastic and paper insulation for stationary cable laying for voltage greater than 1 kV (through to 35 kV);	27.32.14	854460	Dielectrical loss angle tangent	0.01 % to 100 %

§§	Documents establishing rules and methods of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.265.	GOST R 55025, subclause 8.3.9; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Other electrical conductors for voltages greater than 1 kV; Power cables with plastic and paper insulation for stationary cable laying for voltage greater than 1 kV (through to 35 kV);	27.32.14	854460	Insulation strength	passed/failed -
					Breakdown voltage	- 0 kV to 500 kV
1.266.	GOST 2990, subclause 4.1; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Other electrical conductors for voltages not greater than 1 kV; Power cables with plastic and paper insulation for stationary cable laying for voltage greater than 1 kV (through to 35 kV);	27.32.13	854442;854449	Insulation strength	passed/failed -
					Test voltage	- 1 kV to 500 kV
1.267.	GOST 2990, subclause 4.2; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Other electrical conductors for voltages not greater than 1 kV; Power cables with plastic and paper insulation for stationary cable laying for voltage greater than 1 kV (through to 35 kV);	27.32.13	854442;854449	Insulation strength	passed/failed -

§§	Documents establishing rules and methods of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.267.					Test voltage	- 3 kV to 2250 kV
1.268.	GOST R 53354, subclauses 3.3, 3.4, clauses 4, 5; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Other electrical conductors for voltages greater than 1 kV;	27.32.14	854460	Insulation strength	passed/failed -
					Impulse voltage	- 3 kV to 2250 kV
1.269.	GOST 3345, clauses 2, 3, 4; Non-destructive testing; exterior inspection and measurements	Other electronic and electrical leads and cables;	27.32.1	854460	Electrical insulation resistance	- 0 GΩ to 1000 GΩ
1.270.	GOST 7229, clauses 4, 5; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Other electronic and electrical leads and cables;	27.32.1	854460	Electrical resistance / electrical resistance of power cores and conductors	- 10 <sup>-6</sup> Ω to 199.9 Ω

§§	Documents establishing rules and methods of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.270.					Test current	- 10 <sup>-4</sup> A to 100 A
1.271.	GOST 12179, clauses 3, 4; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Other electronic and electrical leads and cables;	27.32.1	854460	Dielectrical loss angle tangent	- 0.01 % to 100 %
1.272.	GOST 15581, subclause 5.3; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Electrical capacitors; Capacitors and capacitor units; Capacitors and capacitor units;	27.90.5	8532	Capacity	- 20 pF to 10 <sup>6</sup> pF
1.273.	GOST 15581, subclauses 5.4, 5.14; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Electrical capacitors; Capacitors and capacitor units; Capacitors and capacitor units;	27.90.5	8532	Lightning impulse voltage	- 3 kV to 2250 kV
					AC voltage	- 1 kV to 950 kV

§§	Documents establishing rules and methods of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.273.					Insulation strength	passed/failed -
1.274.	GOST 15581, subclause 5.7 (visually); Non-destructive testing; exterior inspection and measurements	Electrical capacitors; Capacitors and capacitor units; Capacitors and capacitor units;	27.90.5	8532	Exterior	compliant/noncompliant -
1.275.	GOST 15581, subclause 5.7 (by measurement tool); Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Electrical capacitors; Capacitors and capacitor units; Capacitors and capacitor units;	27.90.5	8532	Dimensions	- 0 mm to 15000 mm
1.276.	GOST 15581, subclause 5.6; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Electrical capacitors; Capacitors and capacitor units; Capacitors and capacitor units;	27.90.5	8532	Dielectrical loss angle tangent	- 0.01 % to 100 %

§§	Documents establishing rules and methods of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.277.	GOST 15581, subclause 5.12; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Electrical capacitors; Capacitors and capacitor units; Capacitors and capacitor units;	27.90.5	8532	Capacity	- 20 pF to 10 <sup>6</sup> pF
1.278.	GOST 15581, subclauses 5.4, 5.14; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Electrical capacitors; Capacitors and capacitor units; Capacitors and capacitor units;	27.90.5	8532	Voltage between terminals 1-2	- 1 kV to 230 kV
					Insulation strength	passed/failed -
1.279.	GOST 15581, subclause 5.15; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Electrical capacitors; Capacitors and capacitor units; Capacitors and capacitor units;	27.90.5	8532	Voltage between terminals 2-3	- 1 kV to 230 kV
					Insulation strength	passed/failed -



§§	Documents establishing rules and methods of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.280.	GOST 15581, subclause 5.16; Non-destructive testing; exterior inspection and measurements	Electrical capacitors; Capacitors and capacitor units; Capacitors and capacitor units;	27.90.5	8532	Mass	- 0 kg to 500 kg
1.281.	GOST 15581, subclause 5.17; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Electrical capacitors; Capacitors and capacitor units; Capacitors and capacitor units;	27.90.5	8532	Frequency	- 20 Hz to 200000 Hz
					Resonance frequency	compliant/noncompliant -
1.282.	GOST 15581, subclause 5.23; Environmental effect testing; other methods of environmental effect investigation (testing)	Electrical capacitors; Capacitors and capacitor units; Capacitors and capacitor units;	27.90.5	8532	Mechanical strength at wind load and horizontal tension of connecting leads	passed/failed -
					Load	- 0 kN to 10 kN

§§	Documents establishing rules and methods of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.283	GOST R 55190, subclause 8.3.2.1; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Switchgear and regulating electrical equipment; Packaged switchgear;	27.12	8535;8537	Resistance of auxiliary contacts of classes 1 and 2	- $10^{-6} \Omega$ to 1999.9 $\Omega$
					Current	- $10^{-4}$ A to 100 A
1.284.	GOST R 55190, subclause 8.3.2.2; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Switchgear and regulating electrical equipment; Packaged switchgear;	27.12	8535;8537	Resistance of auxiliary contacts of class 3	- $10^{-6} \Omega$ to 1999.9 $\Omega$
					Current	- $10^{-4}$ A to 100 A
1.285.	GOST R 55190, subclause 8.4.5.1; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Switchgear and regulating electrical equipment; Packaged switchgear;	27.12	8535;8537	Proper time / Proper closing time / Proper opening time	- $10^{-4}$ s to 10 s

§§	Documents establishing rules and methods of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.286.	GOST R 55190, subclause 8.4.8; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Switchgear and regulating electrical equipment; Packaged switchgear;	27.12	8535;8537	Force	- 0 kN to 1 kN
					Power supply voltage	- 0 V to 500 V
					Operability of locking devices	passed/failed -
1.287.	GOST R 55190, subclause 8.4.9; Physical and mechanical; other physical and mechanical investigation (testing) methods to determine physical and mechanical parameters	Switchgear and regulating electrical equipment; Packaged switchgear;	27.12	8535;8537	Force	- 0 kN to 1 kN
					Fixation	passed/failed -

§§	Documents establishing rules and methods of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.288.	GOST R 55190, subclause 8.4.10; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Switchgear and regulating electrical equipment; Packaged switchgear;	27.12	8535;8537	Pressure continuity of sliding earthing contacts	passed/failed -
1.289.	GOST R 55190, subclauses 8.5.1-8.5.13; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Switchgear and regulating electrical equipment; Packaged switchgear;	27.12	8535;8537	Insulation strength	passed/failed -
					Test lightning impulse voltage	- 3 kV to 200 kV
					One-minute AC test voltage	- 0 kV to 300 kV
					Partial discharge	- 1 pC to 10000 pC

§§	Documents establishing rules and methods of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.290.	GOST R 55190, subclause 8.7.4; Physical and mechanical; other physical and mechanical investigation (testing) methods to determine physical and mechanical parameters	Switchgear and regulating electrical equipment; Packaged switchgear;	27.12	8535;8537	Mechanical strength	passed/failed -
					Test force	- 0 kN to 5 kN
1.291.	GOST R 55190, subclause 8.9.2; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Switchgear and regulating electrical equipment; Packaged switchgear;	27.12	8535;8537	Auxiliary transformer no-load current breaking capacity	passed/failed -
					Current	- $10^{-4}$ A to 100 A
1.292.	GOST 6581, subclauses 1.4, 1.5, clause 4; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Electrical insulating oils;	19.20.29.172	2710	50 Hz breakdown voltage	- 0 kV to 100 kV

§§	Documents establishing rules and methods of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.293.	GOST 12.2.024, clause 2; Measurement of physical factor parameters; noise measurement	Electrical transformers;	27.11.4	8504	Corrected sound power level	- 30 dB to 137 dB
1.294.	GOST 20493, subclauses 8.1, 8.2; Non-destructive testing; exterior inspection and measurements	Electrical insulators; insulating accessories for electrical machines and equipment; electrical pipes;	27.90.12	8535900008	Protection against corrosion	compliant/noncompliant -
					Operability	compliant/noncompliant -
					Completeness	compliant/noncompliant -
					Packing and marking	compliant/noncompliant -

§§	Documents establishing rules and methods of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.294.					Surface condition	compliant/noncompliant -
					Accompanying documents	compliant/noncompliant -
					Compliance with the design drawings	compliant/noncompliant -
1.295.	GOST 20493-2001, subclauses 8.4, 8.5, 8.9.5; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Electrical insulators; insulating accessories for electrical machines and equipment; electrical pipes;	27.90.12	8535900008	Test voltage	- 0 kV to 950 kV
					Insulation strength of double-pole indicator	passed/failed -

§§	Documents establishing rules and methods of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.296.	GOST 20493-2001, subclauses 8.4, 8.5, 8.10.5; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Electrical insulators; insulating accessories for electrical machines and equipment; electrical pipes;	27.90.12	8535900008	Insulation strength of working part	passed/failed 0 kV to 230 kV
1.297.	GOST 20493-2001, subclauses 8.4, 8.5., 8.10.6; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Electrical insulators; insulating accessories for electrical machines and equipment; electrical pipes;	27.90.12	8535900008	Insulation strength of insulation part	passed/failed 0 kV to 230 kV
1.298.	GOST 20493, subclause 8.6; Environmental effect testing; other methods of environmental effect investigation (testing)	Electrical insulators; insulating accessories for electrical machines and equipment; electrical pipes;	27.90.12	8535900008	Resistance to climatic effects	passed/failed -
					Temperature	- -60 °C to +85 °C



§§	Documents establishing rules and methods of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.299.	GOST 20493-2001, subclauses 8.9.2, 8.8; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Electrical insulators; insulating accessories for electrical machines and equipment; electrical pipes;	27.90.12	8535900008	Electrical insulation resistance of charging device	- $3 \cdot 10^3 \Omega$ to $10^{12} \Omega$
1.300.	GOST 20493-2001, subclauses 8.9.2, 8.10.3; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Electrical insulators; insulating accessories for electrical machines and equipment; electrical pipes;	27.90.12	8535900008	Indicator health	passed/failed -
					Indication voltage	- 0 kV to 100 kV
1.301.	GOST 20493-2001, subclauses 8.10.8, 8.10.9; Physical and mechanical; other physical and mechanical investigation (testing) methods to determine physical and mechanical parameters	Electrical insulators; insulating accessories for electrical machines and equipment; electrical pipes;	27.90.12	8535900008	Bending strength	passed/failed -
					Test length	- 0 cm to 500 cm

§§	Documents establishing rules and methods of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.301.					Bending deflection	- 0 cm to 100 cm
1.302.	IEC 60137(2017), subclause 8.2; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Ceramic electrical insulators; Insulating accessories for electrical equipment and ceramic devices; Electrical insulators; Other vulcanized rubber products not elsewhere classified; Hard rubber in all forms and products thereof; Porous vulcanized rubber flooring and matting;	23.43.10;27.60.12.110; 22.19.73	8546200000;8546901000	AC voltage	- 0 kV to 950 kV
					Insulation strength	passed/failed -
1.303.	IEC 60137(2017), subclause 8.3; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Ceramic electrical insulators; Insulating accessories for electrical equipment and ceramic devices; Electrical insulators; Other vulcanized rubber products not elsewhere classified;	23.43.10;27.90.12.110; 22.19.73	8546200000;8546901000	Electrical strength at long-term power-frequency voltage	passed/failed -

§§	Documents establishing rules and methods of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.303.		Hard rubber in all forms and products thereof; Porous vulcanized rubber flooring and matting;			Test voltage	- 0 kV to 300 kV
1.304.	IEC 60137(2017), subclause 8.4; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Ceramic electrical insulators; Insulating accessories for electrical equipment and ceramic devices; Electrical insulators; Other vulcanized rubber products not elsewhere classified; Hard rubber in all forms and products thereof; Porous vulcanized rubber flooring and matting;	2.3.4.3.10;27.90.12.110; 22.19.7.3	8546200000;8546901000	Lightning impulse voltage	- 0 kV to 2250 kV
					Insulation strength	passed/failed -
1.305.	IEC 60137(2017), subclause 8.5; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Ceramic electrical insulators; Insulating accessories for electrical equipment and ceramic devices; Electrical insulators; Other vulcanized rubber products not elsewhere classified;	2.3.4.3.10;27.90.12.110; 22.19.7.3	8546200000;8546901000	Switching surge voltage	- 750 kV to 1600 kV

§§	Documents establishing rules and methods of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.305.		Hard rubber in all forms and products thereof; Porous vulcanized rubber flooring and matting;			Insulation strength	passed/failed -
1.306.	IEC 60137(2017), subclause 8.6; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Ceramic electrical insulators; Insulating accessories for electrical equipment and ceramic devices; Electrical insulators; Other vulcanized rubber products not elsewhere classified; Hard rubber in all forms and products thereof; Porous vulcanized rubber flooring and matting;	2.3.4.3.10;27.90.12.110; 22.19.7.3	8546200000;8546901000	Insulation strength to thermal break-down  AC voltage	passed/failed -  0 kV to 500 kV
1.307.	IEC 60137(2017), subclause 8.7; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Ceramic electrical insulators; Insulating accessories for electrical equipment and ceramic devices; Electrical insulators; Other vulcanized rubber products not elsewhere classified;	23.43.10;27.90.12.110; 22.19.7.3	8546200000;8546901000	Radio interference	passed/failed 10 dB to 100 dB

§§	Documents establishing rules and methods of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.307.		Hard rubber in all forms and products thereof; Porous vulcanized rubber flooring and matting;				
1.308.	IEC 60137(2017), subclause 8.8; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Ceramic electrical insulators; Insulating accessories for electrical equipment and ceramic devices; Electrical insulators; Other vulcanized rubber products not elsewhere classified; Hard rubber in all forms and products thereof; Porous vulcanized rubber flooring and matting;	23.43.10;27.90.12.110; 22.19.73	8546200000;8546901000	Rated (continuous admissible) current heating	passed/failed -
					Test current	- 0 A to 5000 A
					Temperature	- 0 °C to 300 °C
					Temperature rise	Calculated rate: -

§§	Documents establishing rules and methods of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.309.	IEC 60137(2017), subclause 8.10; Physical and mechanical; other physical and mechanical investigation (testing) methods to determine physical and mechanical parameters	Ceramic electrical insulators; Insulating accessories for electrical equipment and ceramic devices; Electrical insulators; Other vulcanized rubber products not elsewhere classified; Hard rubber in all forms and products thereof; Porous vulcanized rubber flooring and matting;	23.43.10;27.90.12.110; 22.19.73	8546200000;8546901000	Load	- 0 kN to 10 kN
					Mechanical strength	passed/failed -
1.310.	IEC 60137(2017), subclause 8.14; Non-destructive testing; exterior inspection and measurements	Ceramic electrical insulators; Insulating accessories for electrical equipment and ceramic devices; Electrical insulators; Other vulcanized rubber products not elsewhere classified; Hard rubber in all forms and products thereof; Porous vulcanized rubber flooring and matting;	23.43.10;27.90.12.110; 22.19.73	8546200000;8546901000	Exterior	compliant/noncompliant -
					Mass	- 0 kg to 5000 kg

§§	Documents establishing rules and methods of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.310.					Dimensions	- 0 mm to 15000 mm
1.311.	IEC 60137(2017), subclause 9.2; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Ceramic electrical insulators; Insulating accessories for electrical equipment and ceramic devices; Electrical insulators; Other vulcanized rubber products not elsewhere classified; Hard rubber in all forms and products thereof; Porous vulcanized rubber flooring and matting;	23.43.10;27.90.12.110; 22.19.73	8546200000;8546901000	Capacity	- 20 pF to 10 <sup>6</sup> pF
					Dielectrical loss angle tangent	- 0.01 % to 100 %
1.312.	IEC 60137(2017), subclause 9.5; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Ceramic electrical insulators; Insulating accessories for electrical equipment and ceramic devices; Electrical insulators; Other vulcanized rubber products not elsewhere classified;	23.43.10;27.90.12.110; 22.19.73	8546200000;8546901000	Partial discharge	- 1 pC to 100000 pC

§§	Documents establishing rules and methods of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.312.		Hard rubber in all forms and products thereof; Porous vulcanized rubber flooring and matting;				
1.313.	IEC 60137(2017), subclause 9.6; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Ceramic electrical insulators; Insulating accessories for electrical equipment and ceramic devices; Electrical insulators; Other vulcanized rubber products not elsewhere classified; Hard rubber in all forms and products thereof; Porous vulcanized rubber flooring and matting;	23.43.10;27.90.12.110; 22.19.73	8546200000;8546901000	AC voltage	- 0 kV to 5 kV
					Insulation strength of measuring terminal	passed/failed -
1.314.	IEC 60076-1(2011), subclause 11.2; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Power transformers; Electrical transformers;	27.11.4	-	Ambient temperature	- 0 °C to +300 °C



§§	Documents establishing rules and methods of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.314.					Winding DC resistance	- 2*10 <sup>-4</sup> Ω to 2*10 <sup>5</sup> Ω
					Direct current	- 0.0001 A to 10 A
					Time	- 0 h to 23 h
					Temperature	- 0 °C to 300 °C
1.315.	IEC 60076-1(2011), subclause 11.3; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Power transformers; Electrical transformers;	27.11.4	-	Transformation ratio	- 0.8 to 9999

§§	Documents establishing rules and methods of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.315.					Vector group	- 0 to 11
1.316.	IEC 60076-1, subclause 11.4; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Power transformers; Electrical transformers;	27.11.4	-	Short-circuit impedance / total resistance / total ohmic losses	Calculated rate: - 0 $\Omega$ to 100000 $\Omega$
					Load losses / short-circuit losses	- 0 kW to 40 kW
					Short-circuit voltage	Calculated rate: - 0 % o 100 %
					Resistance / cold winding resistance / resistance under load losses / winding DC resistance	- 0.0002 $\Omega$ to 200000 $\Omega$

§§	Documents establishing rules and methods of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.317.	IEC 60076-1, subclause 11.5; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Power transformers; Electrical transformers;	27.11.4	-	Interphase voltage / voltage between phase terminal and neutral / test voltage	- 0 kV to 100 kV
					No-load losses	- 0 kW to 40 kW
					Corrected no-load losses	Calculated rate: - 0 kW to 150 kW
					Experiment current / no-load current / mean-square value of no-load current	Calculated rate: - 0 A to 400 A
1.318.	IEC 60076-1, subclause 11.6; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Power transformers; Electrical transformers;	27.11.4	-	Zero-sequence impedance / total zero-sequence resistance	Calculated rate: - 0.0000001 $\Omega$ to 100000 $\Omega$

§§	Documents establishing rules and methods of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.318.					Test voltage / experiment voltage	- 0 kV to 100 kV
					Test current / experiment current	- 0 A to 6000 A
1.319.	IEC 60076-1, Appendix F; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Power transformers; Electrical transformers;	27.11.4	-	Winding DC resistance	- 0.0001 Ω to 100000 Ω
					Temperature	- 0 °C to +300 °C
					Electrical current	- 0.0001 A to 100 A

§§	Documents establishing rules and methods of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.320.	IEC 60076-2(2011), clause 7; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Electrical transformers (power transformers);	27.11.4	8504210000;8504221000; 8504229000;8504230000; 850431;850432000; 8504330000;8504340000	Rated (continuous admissible) current heating	passed/failed -
					Resistance	- $10^{-6} \Omega$ to $2 \cdot 10^5 \Omega$
					Temperature	passed/failed 0 °C to 300 °C
1.321.	IEC 60076-3(2013), clauses 10, 12, 13, 14; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Electrical transformers (power transformers (autotransformers), line regulating transformers, shunt, current-limiting and arc-suppression reactors);	27.11.4	850431;850432000; 850433000;8504340000; 8504210000;850422; 850423000	Insulation strength	passed/failed -
					Lightning impulse voltage	- 3 kV to 2250 kV

§§	Documents establishing rules and methods of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.321.					Switching surge voltage	- 750 kV to 1600 kV
					AC voltage	- 0 kV to 425 kV
1.322.	IEC 60076-3(2013), clause 11; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Electrical transformers; Power transformers; Reactors, including concrete current-limiting reactors;	27.11.4	850431;850432000; 850433000;8504340000; 8504210000;850422; 850423000	Insulation strength in induced voltage test	passed/failed -
					Frequency	- 45 Hz to 200 Hz
					Test voltage	- 0 kV to 900 kV

§§	Documents establishing rules and methods of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.322.					Partial discharge	- 1 pC to 10000 pC
1.323.	IEC 60076-11 ed. 2.0, subclause 14.4.4; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Electrical transformers (general-purpose dry transformers, including autotransformers; auxiliary station transformers; and transformers for packaged transformer substations (PTS) for voltage classes through to 35 kV);	27.11.4	8504210000;8504221000;8504229000;850423000;850431;850432000;850433000;8504340000	Resistance to thermal shock / to thermal shock load	passed/failed -
					Temperature	- -60 °C to +75 °C
					PD level / Partial discharge (PD)	- 1 pC to 10000 pC
					Applied voltage	- 0 kV to 425 kV

§§	Documents establishing rules and methods of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.323.					Direct current	- 0.0001 A to 100 A
					Alternating current	- 0 A to 6000 A
					Induced voltage	- 0 kV to 900 kV
1.324.	IEC 60076-11 ed. 2.0, subclause 14.4.5; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Electrical transformers (general-purpose dry transformers, including autotransformers; auxiliary station transformers; and transformers for packaged transformer substations (PTS) for voltage classes through to 35 kV);	27.11.4	8504210000;8504221000;8504229000;8504230000;850431;850432000;8504330000;8504340000	Resistance to condensation and water penetration / environmental resistance	passed/failed -
					Temperature	- -60 °C to 70 °C



§§	Documents establishing rules and methods of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.324.					Relative air humidity	- 10 % to 98 %
					Induced voltage	- 0 kV to 900 kV
					Applied voltage	- 0 kV to 425 kV
					Specific conductance of water	- 0.1 Sm/m to 1.5 Sm/m
1.325.	IEC 61869-1(2007), subclause 7.2.2; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Electrical transformers;	27.11.4	850431;8504320002	Temperature rise resistance	passed/failed -

§§	Documents establishing rules and methods of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.325.					Temperature	- 0 °C to 300 °C
					Resistance	- 0.000001 Ω to 199.9 Ω
					Temperature rise	Calculated rate: - °C
					Test current	- 0 A to 5000 A
1.326.	IEC 61869-1(2007), subclauses 7.2.3.1 - 7.2.3.3, 7.2.4, 7.3.1, 7.3.3, 7.3.4, 7.4.1, 7.4.2; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Electrical transformers;	27.11.4	850431;8504320002	Insulation strength	passed/failed -

§§	Documents establishing rules and methods of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.326.					AC voltage	- 11 kV to 950 kV
					Test lightning impulse voltage	- 10 kV to 2250 kV
					Test voltage of switching surge	- 750 kV to 1600 kV
1.327.	IEC 61869-1(2007), subclause 7.3.2; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Electrical transformers;	27.11.4	850431;8504320002	Partial discharge	- 1 pC to 10000 pC
1.328.	IEC 61869-1(2007), subclause 7.4.3; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Electrical transformers;	27.11.4	850431;8504320002	Capacity	- 0 pF to 10 <sup>6</sup> pF

§§	Documents establishing rules and methods of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.328.					Dielectrical loss angle tangent	- 0.01 % to 100 %
1.329.	IEC 61869-1(2007), subclause 7.2.7.1; Functional testing of construction systems and elements; functional testing of construction systems and elements	Electrical transformers;	27.11.4	850431;8504320002	Degree of water protection designated by the second characteristic digit	- 3 to 5
					Degree of protection from access to hazardous parts	- 1 to 4
					Degree of protection from foreign solid body penetration	- 1 to 4
1.330.	IEC 61869-1(2007), subclause 7.4.5; Environmental effect testing; other methods of environmental effect investigation (testing)	Electrical transformers;	27.11.4	850431;8504320002	Mechanical load	passed/failed 0 kN to 10 kN

§§	Documents establishing rules and methods of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.331.	GOST IEC 60044-1, subclause 7.2; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Other transformers of power not greater than 16 kVA; Electrical transformers; Liquid-filled transformers; Other transformers of power greater than 16 kVA; Current transformers;	27.11.42;27.11.4; 27.11.41;27.11.43	850431;850432000	Rated current-induced heating	passed/failed -
					Temperature rise	Calculated rate: -
					Resistance	- 0.000001 Ω to 199.9 Ω
					Temperature	- 0 °C to 300 °C
1.332.	GOST IEC 60044-1, subclauses 7.3- 7.5, 8.2.1, 8.2.2, 8.4, 9.1; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Other transformers of power not greater than 16 kVA; Electrical transformers; Liquid-filled transformers; Other transformers of power greater than 16 kVA; Current transformers;	27.11.42;27.11.4; 27.11.41;27.11.43	850431;850432000	Insulation strength	passed/failed -

§§	Documents establishing rules and methods of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.332.					Lightning impulse voltage	- 3 kV to 2250 kV
					Switching surge voltage	- 750 kV to 1600 kV
					AC voltage	- 1 kV to 950 kV
					Radio interference	- 1 dB to 100 dB 1 kV to 500 kV
					Partial discharge	- 1 pC to 10000 pC 1 kV to 350 kV

§§	Documents establishing rules and methods of investigation (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.333.	GOST IEC 60044-1, subclause 9.2; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Other transformers of power not greater than 16 kVA; Electrical transformers; Liquid-filled transformers; Other transformers of power greater than 16 kVA; Current transformers;	27.11.42;27.11.4; 27.11.41;27.11.43	850431;850432000	Electrical capacity	- 20 pF to 10 <sup>6</sup> pF
					Dielectrical loss angle tangent	- 0.01 % to 100 %
1.334.	GOST IEC 60044-1, subclauses 7.3-7.4, 8.2.1, 8.4, 9.1; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Other transformers of power not greater than 16 kVA; Electrical transformers; Liquid-filled transformers; Other transformers of power greater than 16 kVA; Current transformers;	27.11.42;27.11.4; 27.11.41;27.11.43	850431;850432000	Insulation strength	passed/failed -
					Lightning impulse voltage	- 3 kV to 2250 kV
					Switching surge voltage	- 750 kV to 1600 kV

§§	Documents establishing rules and techniques of research (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.334.					AC voltage	- 1 kV to 950 kV
1.335.	GOST IEC 60044-1, clause 7.5; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Other transformers of power not greater than 16 kVA; Electrical transformers; Liquid-filled transformers; Other transformers of power greater than 16 kVA; Current transformers;	27.11.42; 27.11.4; 27.11.41; 27.11.43	850431; 850432000	Radio interference	passed/failed 10 dB to 100 dB
					Test voltage	- 1 kV to 500 kV
1.336.	GOST IEC 60044-1, clause 8.2.2; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Other transformers of power not greater than 16 kVA; Electrical transformers; Liquid-filled transformers; Other transformers of power greater than 16 kVA; Current transformers;	27.11.42; 27.11.4; 27.11.41; 27.11.43	850431; 850432000	Partial discharge	passed/failed 1 pC to 10000 pC
					Test voltage	- 1 kV to 350 kV



§§	Documents establishing rules and techniques of research (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.337.	1.337. GOST IEC 60044-1, clause 9.3; Physical and mechanical; 1.338. Other investigation (testing) methods to determine physical and mechanical parameters	Other transformers of power not greater than 16 kVA; Electrical transformers; Liquid-filled transformers; Other transformers of power greater than 16 kVA; Current transformers;	27.11.42; 27.11.4; 27.11.41; 27.11.43	850431; 850432000	Mechanical load	- 0 kN to 10 kN
					Mechanical strength	passed/failed -
1.338.	1.339. IEC 61869-2(2012), clauses 7.2.3, 7.3.1; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Electrical transformers; Liquid-filled transformers; Other transformers of power not greater than 16 kVA; Other transformers of power greater than 16 kVA; Current transformers;	27.11.4; 27.11.41; 27.11.42; 27.11.43	8504320002	Test voltage	- 0 kV to 950 kV
					Test lightning impulse voltage	- 10 kV to 2250 kV
					Test switching surge voltage	- 750 kV to 1600 kV

§§	Documents establishing rules and techniques of research (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.338.					Insulation strength	passed/failed -
1.339.	IEC 61869-2(2012), clause 7.4.3; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Electrical transformers; Liquid-filled transformers; Other transformers of power not greater than 16 kVA; Other transformers of power greater than 16 kVA; Current transformers;	27.11.4; 27.11.41; 27.11.42; 27.11.43	8504320002	Capacity	- 20 pF to 10 <sup>3</sup> pF
					Dielectric loss angle tangent	- 0.01 % to 100 %
1.340.	IEC 61869-2(2012), clauses 7.2.6, 7.3.5; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Electrical transformers; Liquid-filled transformers; Other transformers of power not greater than 16 kVA; Other transformers of power greater than 16 kVA; Current transformers;	27.11.4; 27.11.41; 27.11.42; 27.11.43	8504320002	Relative current error	- 0.01 % to 100 %
					Absolute angular error	- -600 min to +600 min

§§	Documents establishing rules and techniques of research (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.341.	1.341. IEC 61869-2(2012), clause 7.3.203; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Electrical transformers; Liquid-filled transformers; Other transformers of power not greater than 16 kVA; Other transformers of power greater than 16 kVA; Current transformers;	27.11.4; 27.11.41; 27.11.42; 27.11.43	8504320002	Exciting current	compliant/noncompliant 0 A to 100A
1.342.	1.342. IEC 61869-3(2011), ed.1 clause 7.2.2; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Electrical transformers; Voltage transformers	27.11.4	850431; 8504320002	Load range	- 0 V×A to 2000 V×A
					Heating	passed/failed -
					Temperature rise	Calculated rate: -

§§	Documents establishing rules and techniques of research (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.342.					Resistance	- 0.000001 Ωm to 199.9 Ωm
					Temperature	-0 °C to 300 °C
1.343.	IEC 61869-3(2011), ed.1 clauses 7.2.3.1-7.2.3.3, 7.3.1, 7.3.2; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Electrical transformers; Voltage transformers	27.11.4	850431; 8504320002	Insulation strength	passed/failed -
					AC voltage	- 0 kV to 950 kV
					Lightning impulse voltage	- 0 kV to 2250 kV

§§	Documents establishing rules and techniques of research (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.343.					Switching surge voltage	- 750 kV to 2250 kV
					Partial discharge	- 1 pC to 10000 pC
1.344.	IEC 61869-3(2011), ed.1 clauses 7.2.6, 7.3.5; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Electrical transformers; Voltage transformers	27.11.4	850431; 8504320002	Vector group	compliant/noncompliant -
					Angle error (voltage phase angle error)	- -600 min to +600 min
					Voltage transformer (VT) voltage scale transformation coefficient error (VT voltage error)	- 0.01 % to 100 %

§§	Documents establishing rules and techniques of research (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.345.	IEC 61869-3(2011), ed.1 clause 7.2.301; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Electrical transformers; Voltage transformers	27.11.4	850431; 8504320002	Ability to withstand short-circuit current	passed/failed -
					Test voltage	- 0 kV to 500 kV
					Time	- 0 s to 10 s
1.346.	IEC 61869-3(2011), ed.1 clause 7.4.3; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Electrical transformers; Voltage transformers	27.11.4	850431; 8504320002	Dielectric loss angle tangent	- 0.01 % to 100 %
1.347.	GOST R 55191-2012, Section 5, clauses 8.1, 8.2, 8.3.1; Electrophysical investigation (testing); electrophysical investigation (testing) methods	Electromotors, generators and transformers; Switchgear and regulating electrical equipment	27.11; 27.12; 27.32; 27.90	8501; 8504; 8535	Partial discharge inception and extinction voltage	- 0 kV to 500 kV

§§	Documents establishing rules and techniques of research (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.347.		Other electronic and electrical leads and cables; Other electrical equipment;			Partial discharge	- 1 pC to 10000 pC
1.348.	GOST R 55191-2012, Section 5, clauses 8.1, 8.2, 8.3.2; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Electromotors, generators and transformers; Switchgear and regulating electrical equipment; Other electronic and electrical leads and cables; Other electrical equipment;	27.11; 27.12; 27.32; 27.90	8501; 8504; 8535	Partial discharge at rated value of test voltage	- 1 pC to 10000 pC
					Test voltage	- 0 kV to 500 kV
1.349.	GOST R 55716, clause 6.4; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	AC high-voltage circuit-breakers, contactors and reversers (high-voltage power circuit-breakers); AC high-voltage disconnecting switches, short-circuiting switches, isolating switches, earthing switches;	27.12.10.110; 27.12.10. 120	8535	Test current	- $0.1 \text{ A} \times 10^{-3}$ to 100 A
					Resistance of the gear main circuit	- $1 \times 10^{-6} \text{ } \Omega\text{m}$ to 1999.9 $\Omega\text{m}$

§§	Documents establishing rules and techniques of research (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.350.	GOST 2213, clause 7.1 (visually); Non-destructive testing; exterior inspection and measurements	High-voltage fuses;	27.12.10.140	853610	Protective coating condition	compliant/noncompliant -
					Surface condition	compliant/noncompliant -
					Correctness of marking	compliant/noncompliant -
					Availability of indicating devices	available/not available -
1.351.	GOST 2213, clause 7.1 (by weighing); Non-destructive testing; exterior inspection and measurements	High-voltage fuses;	27.12.10.140	853610	Mass	- 0.05 kg to 500 kg



§§	Documents establishing rules and techniques of research (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.352.	GOST 2213, clause 7.1 (by a measurement tool); Non-destructive testing; exterior inspection and measurements	High-voltage fuses;	27.12.10.140	853610	Dimensions	-0 mm to 10000 mm
1.353.	GOST 2213, clause 7.2; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	High-voltage fuses;	27.12.10.140	853610	Electrical resistance	- 0.000001 Ωm to 1999.9 Ωm
					Test current	- 0.1×10 <sup>-3</sup> A to 100 A
1.354.	Pressure force gage SMR-1, clause 5.2; Non-destructive testing; other non-destructive testing methods	Switchgear and regulating electrical equipment	27.12	8537; 8535	Pressure force	- 50 to 500 N
1.355.	GOST 19264, clause 7.2 (visually); Non-destructive testing; exterior inspection and measurements	Electrical switchgear to control electrotechnical installations, except for electromagnetic contactors and actuators, control and protective relays	27.33.13.160	850590	Arrangement of contact connections	confirmed/not confirmed -

§§	Documents establishing rules and techniques of research (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.355.					Quality of soldering	passed/failed -
					Quality of assembly and finishing	passed/failed -
					Completeness	compliant/noncompliant -
					Fastening security	passed/failed -
					Correctness of marking	confirmed/not confirmed -

§§	Documents establishing rules and techniques of research (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.355.					Protective coating condition	detected/not detected -
1.356.	GOST 19264, clause 7.2 (by a measurement tool); Non-destructive testing; exterior inspection and measurements	Electrical switchgear to control electrotechnical installations, except for electromagnetic contactors and actuators, control and protective relays	27.33.13.160		Dimensions	- 0 mm to 10000 mm
1.357.	GOST 19264, clause 7.2 (weighing); Non-destructive testing; exterior inspection and measurements	Electrical switchgear to control electrotechnical installations, except for electromagnetic contactors and actuators, control and protective relays	27.33.13.160		Mass	- 0 kg to 5000 kg
1.358.	GOST 19264, clause 7.4; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Electrical switchgear to control electrotechnical installations, except for electromagnetic contactors and actuators, control and protective relays	27.33.13.160	850590	Insulating resistance	- $3 \times 10^3 \Omega m$ to $1000 \times 10^9 \Omega m$

§§	Documents establishing rules and techniques of research (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.359.	GOST 19264, clause 7.5; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Electrical switchgear to control electrotechnical installations, except for electromagnetic contactors and actuators, control and protective relays	27.33.13.160	850590	Power-frequency voltage	- 100 V to 6000 V
					Insulation strength	passed/failed -
1.360.	GOST 19264, clause 7.6; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Electrical switchgear to control electrotechnical installations, except for electromagnetic contactors and actuators, control and protective relays	27.33.13.160	850590	DC resistance	- 0.000001 Ωm to 9990 Ωm
					Current	- 0.0001 to 100A
1.361.	GOST 19264, clause 7.7; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Electrical switchgear to control electrotechnical installations, except for electromagnetic contactors and actuators, control and protective relays	27.33.13.160	850590	Current	- 0 kW to 100 kW

§§	Documents establishing rules and techniques of research (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.361.					Current	- 0 A to 100 A
1.362.	GOST 19264, clause 7.8; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Electrical switchgear to control electrotechnical installations, except for electromagnetic contactors and actuators, control and protective relays	27.33.13.160	850590	Heating of electromagnet winding	passed/failed -
					Temperature rise	Calculated rate: -
					Temperature	- 0 °C to 300 °C
					Resistance	- 0.000001 Ωm to 199.9 Ωm

§§	Documents establishing rules and techniques of research (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.363.	GOST 11828, section 2, 3; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Electromotors, generators and transformers; Electromotors of power not greater than 37.5 W; Other DC electromotors; DC generators; General-purpose AC and DC electromotors of power greater than 37.5 W; Other AC electromotors; AC generators (synchronous generators); Power generating plants and rotary converters; Electrical transformers; Ballast elements for gas-discharge lamps or tubes; static electrical converters; other inductance coils; Parts of electromotors, generators, and transformers;	27.11; 27.11.1; 27.11.2; 27.11.3; 27.11.4; 27.11.5; 27.11.6	8501	Circuit current	- 0.001 A to 100A
					DC resistance	- 0.000001 Ωm to 10000 Ωm

§§	Documents establishing rules and techniques of research (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.363.						
1.364.	GOST 11828, section 2, 6; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Electromotors, generators and transformers; Electromotors of power not greater than 37.5 W; Other DC electromotors; DC generators; General-purpose AC and DC electromotors of power greater than 37.5 W; Other AC electromotors; AC generators (synchronous generators); Power generating plants and rotary converters; Electrical transformers; Ballast elements for gas-discharge lamps or tubes; static electrical converters;	27.11; 27.11.1; 27.11.2; 27.11.3; 27.11.4; 27.11.5; 27.11.6	8501	Insulating resistance	0.000003 G $\Omega$ m to 1000 G $\Omega$ m
					Test voltage	50 V to 5000 V

§§	Documents establishing rules and techniques of research (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.364.		Other inductance coils; Parts of electromotors, generators, and transformers;				
1.365.	GOST 11828, section 2, 4; physical and mechanical investigation (testing) methods; time and frequency measurements	Electromotors, generators and transformers; Electromotors of power not greater than 37.5 W; Other DC electromotors; DC generators; General-purpose AC and DC electromotors of power greater than 37.5 W; Other AC electromotors; AC generators (synchronous generators); Power generating plants and rotary converters; Electrical transformers; Ballast elements for gas-discharge lamps or tubes;	27.11; 27.11.1; 27.11.2; 27.11.3; 27.11.4; 27.11.5; 27.11.6	8501	Rotation frequency	passed/failed 100 rpm to 30000 rpm



§§	Documents establishing rules and techniques of research (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.365.		static electrical converters; other inductance coils; Parts of electromotors, generators, and transformers;				
1.366.	GOST 11828, section 2, 7; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Electromotors, generators and transformers; Electromotors of power not greater than 37.5 W; Other DC electromotors; DC generators; General-purpose AC and DC electromotors of power greater than 37.5 W; Other AC electromotors; AC generators (synchronous generators); Power generating plants and rotary converters;	27.11; 27.11.1; 27.11.2; 27.11.3; 27.11.4; 27.11.5; 27.11.6	8501	Insulation strength in induced short-time alternating voltage test	passed/failed -
					Test voltage	- 0 kV to 150 kV

§§	Documents establishing rules and techniques of research (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.366.		Electrical transformers; Ballast elements for gas-discharge lamps or tubes; static electrical converters; other inductance coils; Parts of electromotors, generators, and transformers;				
1.367.	GOST 11828, section 2, 8; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Electromotors, generators and transformers; Electromotors of power not greater than 37.5 W; Other DC electromotors; DC generators; General-purpose AC and DC electromotors of power greater than 37.5 W; Other AC electromotors; AC generators (synchronous generators); Power generating plants and rotary converters;	27.11; 27.11.1; 27.11.2; 27.11.3; 27.11.4; 27.11.5; 27.11.6	8501	Insulation strength in induced short-time alternating voltage test  Test voltage	passed/failed -  - 0 kV to 100 kV

§§	Documents establishing rules and techniques of research (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.367.		Electrical transformers; Ballast elements for gas-discharge lamps or tubes; static electrical converters; other inductance coils; Parts of electromotors, generators, and transformers;				
1.368.	GOST 11828, section 2, 9; Other investigations (tests); other investigation (testing) methods without specification	Electromotors, generators and transformers; Electromotors of power not greater than 37.5 W; Other DC electromotors; DC generators; General-purpose AC and DC electromotors of power greater than 37.5 W; Other AC electromotors; AC generators (synchronous generators);	27.11; 27.11.1; 27.11.2; 27.11.3; 27.11.4; 27.11.5; 27.11.6	8501	Temperature	- 0 °C to 300 °C
					Ambient temperature	- -40 °C to 85 °C
					DC resistance	- 0.000001 Ωm to 1999.9 Ωm

§§	Documents establishing rules and techniques of research (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.368.		Power generating plants and rotary converters; Electrical transformers; Ballast elements for gas-discharge lamps or tubes; static electrical converters; other inductance coils; Parts of electromotors, generators, and transformers;				
1.369.	GOST 11828, section 2, 10; Other investigations (tests); other investigation (testing) methods without specification	Electromotors, generators and transformers; Electromotors of power not greater than 37.5 W; Other DC electromotors; DC generators; General-purpose AC and DC electromotors of power greater than 37.5 W; Other AC electromotors; AC generators (synchronous generators);	27.11; 27.11.1; 27.11.2; 27.11.3; 27.11.4; 27.11.5; 27.11.6	8501	Rotation frequency	- 100 rpm to 30000 rpm
					Frequency	- 3 Hz to 400 Hz
					Temperature	- 0 °C to 300 °C

§§	Documents establishing rules and techniques of research (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.369.		Power generating plants and rotary converters; Electrical transformers; Ballast elements for gas-discharge lamps or tubes; static electrical converters; other inductance coils; Parts of electromotors, generators, and transformers;				
1.370.	GOST IEC 61439-1, clause 10.2.7; Non-destructive testing; exterior inspection and measurements	Switchgear and regulating electrical equipment Switchgear for connection to electrical circuits for voltages greater than 1 kV; Electrical circuit switchgear or protection devices for voltages not greater than 1 kV; Electrical switchgear or protective equipment packages;	27.12; 27.12.1; 27.12.2; 27.12.3; 27.12.4	8536; 8537	Marking	passed/failed -
					Holding time	- 0 s to 60 s

§§	Documents establishing rules and techniques of research (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.370.		Sections of electrical switchgear or regulating equipment;				
1.371.	GOST IEC 61439-1, clauses 10.9.1, 10.9.2, 10.9.4, 10.9.5; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Switchgear and regulating electrical equipment Switchgear for connection to electrical circuits for voltages greater than 1 kV; Electrical circuit switchgear or protection devices for voltages not greater than 1 kV Electrical switchgear or protective equipment packages; Sections of electrical switchgear or regulating equipment;	27.12; 27.12.1; 27.12.2; 27.12.3; 27.12.4	8536; 8537	Insulation strength under short-time alternating voltage	passed/failed -
					Test voltage	- 0 kV to 10 kV
1.372.	GOST IEC 61439-1, clauses 10.9.1, 10.9.3; Electrophysical investigation (testing); electrophysical investigation (testing) methods	Switchgear for connection to electrical circuits for voltages greater than 1 kV; Electrical circuit switchgear or protection devices for voltages not greater than 1 kV	27.12.1; 27.12.2; 27.12. 3; 27.12.4; 27.12	8536; 8537	Insulation strength in full lightning impulse test	passed/failed -

§§	Documents establishing rules and techniques of research (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.372.		Electrical switchgear or protective equipment packages; Sections of electrical switchgear or regulating equipment; Switchgear and regulating electrical equipment			Test voltage	- 0 kV to 20 kV
1.373.	GOST 17441, clause 2.6; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Connectors, sockets and other switchgear or protective equipment for connection to electrical circuits not elsewhere classified; Plug connectors and plug-in circuits; Electrical connectors , contact clamps, sets of clamps; Cable accessories; Electromagnetic contactors; Electromagnetic actuators; Electrical switchgear to control electrotechnical installations, except for electromagnetic contactors and actuators, control and protective relays;	27.33.13; 27.33.13.110; 27.33.13.120; 27.33.13. 130; 27.33.13.140; 27.3 3.13.150; 27.33.13.160; 27.33.13.161; 27.33.13. 162; 27.33.13.163; 27.3 3.13.164; 27.33.13.165; 27.33.13.169; 27.33.13. 190	8504; 8535; 8536	Electrical resistance          Circuit current	- 1 Ωm to 1000 Ωm          - 0.001 A to 100 A

§§	Documents establishing rules and techniques of research (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.373.		Accumulator switches, master controllers, controllers, drum switches, hand-operated starters, different switches Control buttons, button control stations, stations, switchgears; Electromagnetic couplings, electromagnets, electromagnetic taps, ODA coils, electromagnetic packages, locks, keys; Magnetic amplifiers and controllable throttles; Logical magnetic semiconductor elements; Other electrical switchgear to control electrotechnical installations not elsewhere classified; Other switchgear and/or protective equipment for electrical circuits not elsewhere classified;				



§§	Documents establishing rules and techniques of research (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.373.						
1.374.	Multifunction balances GX-A and GF-A, clause 5.1; Non-destructive testing; other non-destructive testing methods	Switchgear and regulating electrical equipment; Other electronic and electrical leads and cables; Other electrical equipment;	27.12; 27.32; 27.90	8535; 8536; 8546	Mass	- 0.02 g to 122 g
1.375.	Suspended crane balance BSK-A, Section 3; Non-destructive testing; exterior inspection and measurements	Electromotors, generators and transformers; Switchgear and regulating electrical equipment; Other electronic and electrical leads and cables; Other electrical equipment;	27.11; 27.12; 27.32; 27.90	8504; 8535; 8536; 8546	Mass	- 4 kg to 500 kg

§§	Documents establishing rules and techniques of research (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.376.	VR41.00.000RE, clause 2.4.1; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Distilled water;	20.13.52.120		Specific conductance	0 μS/cm to 2000 μS/cm
1.377.	IEC 60076-18(2012), section 4; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Electrical transformers;	27.11.4	8504210000; 8504221000; 8504229000; 850423000; 850431; 850432000; 850433000; 8504340000	Attenuation coefficient	0 dB to -130 dB
1.378.	GOST R ISO 3746, Appendix A; Physical and mechanical measurement of geometrical parameters (length, angle)	Electrical transformers; Liquid-filled transformers; Other transformers of power not greater than 16 kVA; Other transformers of power greater than 16 kVA;	27.11.4; 27.11.41; 27.11.42; 27.11.43	8504210000; 8504221000; 8504229000; 850423000; 850431; 850432000; 850433000; 8504340000	Dimensions	0 m to 50 m
1.379.	KBSP.427634.051-1 RE, Section 2; Non-destructive testing; exterior inspection and measurements	Glass electrical insulators; Ceramic electrical insulators; insulating accessories for electrical equipment and ceramic devices;	23.19.25; 23.43.10; 27.90.12.110	8546100000; 8546200000	Thickness of protective coating	0 μm to 5000 μm

§§	Documents establishing rules and techniques of research (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.379.		Electrical insulators;				
1.380.	IEC 60060-1(2010), ed. 3.0 Sections 4, 8; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Electromotors, generators and transformers; Switchgear and regulating electrical equipment; Other electronic and electrical leads and cables; Other electrical equipment;	27.11; 27.12; 27.32; 27.90	8504; 8535; 8536; 8546	Insulation strength	passed/failed -
					Switching surge voltage	- 30 kV to 1600 kV
1.381.	IEC 60060-1(2010), ed. 3.0 Sections 4, 7; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Electromotors, generators and transformers; Switchgear and regulating electrical equipment; Other electronic and electrical leads and cables; Other electrical equipment;	27.11; 27.12; 27.32; 27.90	8504; 8535; 8536; 8546	Insulation strength	passed/failed -
					Lightning impulse voltage	- 30 kV to 2250 kV

§§	Documents establishing rules and techniques of research (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.382.	IEC 60060-1(2010), ed. 3.0 Sections 4, 6; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Electromotors, generators and transformers; Switchgear and regulating electrical equipment; Other electronic and electrical leads and cables; Other electrical equipment;	27.11; 27.12; 27.32; 27.90	8504; 8535; 8536; 8546	Insulation strength	passed/failed -
					AC voltage	- 0 kV to 950 kV
1.383.	GOST IEC 60898-1, clause 9.9; Reliability, service-life testing; Other reliability, service-life investigation (testing) methods	AC high-voltage circuit-breakers, contactors and reversers (high-voltage power circuit-breakers);	27.12.10.110	8535	Resistance to testing cycles under load and in release condition	passed/failed -
					Cycles	- 0 cycles to 30 cycles
					Time	- 0 h to 21 h

§§	Documents establishing rules and techniques of research (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.384.	GOST IEC 60898-1, clause 9.7.2; Other investigations (tests); other investigation (testing) methods without specification	AC high-voltage circuit-breakers, contactors and reversers (high-voltage power circuit-breakers);	27.12.10.110	8535	Insulating resistance of the main circuit	compliant/noncompliant 0.1 $\Omega\text{m}$ to $300 \times 10^9 \Omega\text{m}$
1.385.	GOST IEC 60898-1, clause 9.7.3; Other investigations (tests); other investigation (testing) methods without specification	AC high-voltage circuit-breakers, contactors and reversers (high-voltage power circuit-breakers);	27.12.10.110	8535	AC voltage	- 100 V to 6000 V
					Insulation strength of the main circuit	passed/failed -
1.386.	GOST IEC 60898-1, clause 9.7.4 (insulation strength); Other investigations (tests); other investigation (testing) methods without specification	AC high-voltage circuit-breakers, contactors and reversers (high-voltage power circuit-breakers);	27.12.10.110	8535	Insulation strength of auxiliary circuits	passed/failed -
					AC voltage	- 100 V to 6000 V

§§	Documents establishing rules and techniques of research (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.387.	GOST IEC 60898-1, clause 9.7.4 (insulating resistance); Other investigations (tests); other investigation (testing) methods without specification	AC high-voltage circuit-breakers, contactors and reversers (high-voltage power circuit-breakers);	27.12.10.110	8535	Insulating resistance	compliant/noncompliant 0.1 Ωm to 300×10 <sup>9</sup> Ωm
1.388.	GOST IEC 60898-1, clause 9.7.5; Other investigations (tests); other investigation (testing) methods without specification	AC high-voltage circuit-breakers, contactors and reversers (high-voltage power circuit-breakers);	27.12.10.110	8535	Insulation strength	passed/failed -
					Impulse voltage	compliant/noncompliant 0.33 kV to 20 kV
					Leakage current across open contacts	compliant/noncompliant 0 mA to 20 mA
1.389.	GOST IEC 60898-1, clause 9.6; Environmental effect testing; Other environmental effect investigation (testing) methods	AC high-voltage circuit-breakers, contactors and reversers (high-voltage power circuit-breakers);	27.12.10.110	8535	Degree of protection from access to dangerous parts	passed/failed -

§§	Documents establishing rules and techniques of research (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.389.					Voltage	- 40 V to 100 V
					Force	- 0 N to 100 N
1.390.	GOST IEC 60898-1, clause 9.5; Other physical and mechanical investigation (testing) methods Other investigation (testing) methods to determine physical and mechanical parameters	AC high-voltage circuit-breakers, contactors and reversers (high-voltage power circuit-breakers);	27.12.10.110	8535	Reliability of threaded terminals for external copper conductors	passed/failed -
					Pull-out force	- 0 N to 500 N
1.391.	GOST IEC 60898-1, clause 9.4; Other physical and mechanical investigation (testing) methods Other investigation (testing) methods to determine physical and mechanical parameters	AC high-voltage circuit-breakers, contactors and reversers (high-voltage power circuit-breakers);	27.12.10.110	8535	Reliability of screws, current-conducting parts and connections	passed/failed -

§§	Documents establishing rules and techniques of research (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.391.					Torque moment	- 0 N×m to 100 N×m
1.392.	GOST IEC 60898-1, clause 9.3; Other physical and mechanical investigation (testing) methods Other investigation (testing) methods to determine physical and mechanical parameters	AC high-voltage circuit-breakers, contactors and reversers (high-voltage power circuit-breakers);	27.12.10.110	8535	Marking endurance	passed/failed -
1.393.	IEC 62271-1 ed. 2.1, clauses 7.2.1 - 7.2.9, 7.2.12; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Switchgear and regulating electrical equipment	27.12	8504; 8535; 8536; 8546	Insulation strength	passed/failed -
					Lightning impulse voltage	- 3 kV to 2250 kV
1.394.	IEC 62271-1 ed. 2.1, clause 7.4.3; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Switchgear and regulating electrical equipment	27.12	8504; 8535; 8536; 8546	Electrical continuity of earthed metal parts	passed/failed -



§§	Documents establishing rules and techniques of research (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.394.					Direct current	- 0.0001 A to 100 A
					DC voltage	- 0 V to 100 V
1.395.	IEC 62271-1 ed. 2.1, clause 7.4.4; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Switchgear and regulating electrical equipment	27.12	8504; 8535; 8536; 8546	Electrical resistance	- $1 \times 10^{-6} \Omega\text{m}$ to 1999.9 $\Omega\text{m}$
					Direct current	- $0.1 \text{ A} \times 10^{-3}$ to 100 A
1.396.	IEC 62271-1 ed. 2.1, clause 7.5; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Switchgear and regulating electrical equipment	27.12	8504; 8535; 8536; 8546	Test current	- 0 A to 5000 A

§§	Documents establishing rules and techniques of research (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.396.					Continuous current heating	passed/failed -
					Temperature rise	Calculated rate: -
					Temperature	- 0 °C to 300 °C
1.397.	IEC 62271-1 ed. 2.1, clause 7.9.1.1; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Switchgear and regulating electrical equipment	27.12	8504; 8535; 8536; 8546	Radio interference	passed/failed 10 dB to 100 dB
					AC voltage	- 20 kV to 400 kV

§§	Documents establishing rules and techniques of research (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.398.	IEC 62271-1 ed. 2.1, clause 7.10.5; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Switchgear and regulating electrical equipment	27.12	8504; 8535; 8536; 8546	Insulation strength of auxiliary circuits	passed/failed -
					Voltage	- 100 V to 6000 V
1.399.	GOST R 54828, clause 8.8.1; Non-destructive testing; Non-destructive testing using penetrants. Leak detection, mass-spectrometric method	Switchgear and regulating electrical equipment Switchgear for connection to electrical circuits for voltages greater than 1 kV; Electrical circuit switchgear or protection devices for voltages not greater than 1 kV Electrical switchgear or protective equipment packages; Sections of electrical switchgear or regulating equipment;	27.12; 27.12.1; 27.12.2; 27.12.3; 27.12.4	8537	Hermeticity	passed/failed -
					Gas leakage rate	Calculated rate: -
					Dimensions	- 0 mm to 50000 mm

§§	Documents establishing rules and techniques of research (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.399.					Gas concentration	- 0 ppm to 1000 ppm
1.400.	GOST R 54828, clause 8.9.1; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Switchgear and regulating electrical equipment Switchgear for connection to electrical circuits for voltages greater than 1 kV; Electrical circuit switchgear or protection devices for voltages not greater than 1 kV Electrical switchgear or protective equipment packages; Sections of electrical switchgear or regulating equipment;	27.12; 27.12.1; 27.12.2; 27.12.3; 27.12.4	8537	Test voltage	- 0 kV to 500 kV
					Radio interference	passed/failed 10 dB to 100 dB
1.401.	GOST R 54828, clause 8.10.3; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Switchgear and regulating electrical equipment Switchgear for connection to electrical circuits for voltages greater than 1 kV;	27.12; 27.12.1; 27.12.2; 27.12.3; 27.12.4	8537	DC test current	- 0 A to 100 A

§§	Documents establishing rules and techniques of research (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.401.		Electrical circuit switchgear or protection devices for voltages not greater than 1 kV Electrical switchgear or protective equipment packages; Sections of electrical switchgear or regulating equipment;			Electrical continuity of earthed metal parts	passed/failed -
					Voltage drop	- 0 V to 100 V
1.402.	GOST 34839, clause 9.3.8; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Plastic electrically insulating accessories;	27.33.14	853590000	Tracking resistance	passed/failed -
					Power-frequency AC voltage	- 0 kV to 80 kV
1.403.	GOST 34839, clauses 9.3.1, 9.3.2, 9.3.4, 9.3.5; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Plastic electrically insulating accessories;	27.33.14	853590000	Insulation strength	passed/failed -

§§	Documents establishing rules and techniques of research (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.403.					Power-frequency AC voltage	- 0 kV to 500 kV
					Impulse voltage	- 30 kV to 2250 kV
					DC voltage	- 0 kV to 70 kV
1.404.	GOST 34839, clauses 9.3.1, 9.3.3; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Plastic electrically insulating accessories;	27.33.14		Partial discharge	passed/failed 1 pC to 10000 pC
					AC voltage	- 1 kV to 350 kV

§§	Documents establishing rules and techniques of research (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.405.	GOST R 55195, clause 4.10.2; Electrophysical investigation (testing); electrophysical investigation (testing) methods without specification	Electromotors, generators and transformers; Electromotors of power not greater than 37.5 W; Other DC electromotors; DC generators; General-purpose AC and DC electromotors of power greater than 37.5 W; Other AC electromotors; AC generators (synchronous generators); Power generating plants and rotary converters; Electrical transformers; Ballast elements for gas-discharge lamps or tubes; static electrical converters; other inductance coils; Parts of electromotors, generators, and transformers;	27.11; 27.11.1; 27.11.2; 27.11.3; 27.11.4; 27.11.5; 27.11.6; 27.12; 27.12. 1; 27.12.2; 27.12.3; 27.1 2.4; 27.20; 27.20.1; 27.2 0.2; 27.33; 27.33.1; 27.4 0; 27.40.2; 27.40.3; 27.4 0.4; 27.90; 27.90.1; 27.90.4; 27.90.5; 27.90.6; 27. 90.8	8504; 8535; 8546	Partial discharge	passed/failed 1 pC to 10000 pC
					AC voltage	- 1 kV to 350 kV

§§	Documents establishing rules and techniques of research (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.405.		Switchgear and regulating electrical equipment Switchgear for connection to electrical circuits for voltages greater than 1 kV; Electrical circuit switchgear or protection devices for voltages not greater than 1 kV Electrical switchgear or protective equipment packages; Sections of electrical switchgear or regulating equipment; Batteries and accumulators; Primary elements, primary batteries, and their parts; Electrical accumulators and their parts; Wiring products; Wiring products; Electrical lighting equipment; Lamps and lighting facilities;				



§§	Documents establishing rules and techniques of research (testing) and measurements	Equipment	OKPD 2 code	TN VED EAEU code	Defined parameter	Range
1.405.		Other lamps and lighting facilities; Parts of lamps and lighting facilities; Other electrical equipment; Other electrical equipment and its parts; Other electrical equipment not elsewhere classified (including electromagnetic couplings, electromagnets, electromagnetic brakes; electromagnetic lifting clamps; electrical particle accelerators; electrical signal generators); Electrical capacitors; Resistors, aside from heating resistors; Parts of electrical capacitors, electrical resistors, rheostats, and potentiometers.				

**Head of the TC VEI**

**Electronically signed by**

**Evgenii Aleksandrovich Milkin**

Title of Authorized Person

Signature of authorized person

Name of authorized person