

Scope of accreditation of the testing laboratory (center)

Centre of collective usage

Federal State Autonomous Educational Institution of Higher Education
«Ural Federal University named after the first President of Russia B.N.Yeltsin»

620002, 32 Mira street, Ekaterinburg, Russia, room R-045A

620002, 28 Mira street, Ekaterinburg, Russia, room H-333, H-334, Mt-121

620049, 5 Sofi Kovalevskoy street, Ekaterinburg, room T-1005 (archive of the Center of collective usage)

Compliance with

GOST ISO/IEC 17025-2019 General requirements for the competence of testing and calibration laboratories

№ in order	Documents establishing the rules and methods of research (testing), measurements	Object name	OKPD code 2	Code TN VED EAEU	Defined characteristic (index)	Range of definition	
1	2	3	4	5	6	7	
620002, 32 Mira street, Ekaterinburg, Russia, room R-045A							
1.	GOST R 51317.6.5 (IEC 61000-6-5)	Electrical, electronic and radio-electronic products and equipment used in power plants and substations	27.12.31.000	8537	Power frequency magnetic field immunity (magnetic field strength – 1 A/m to 1000 A/m)	conform/not conform (A-D)	
			26.30.00.000	9028	Immunity to radiated, radio-frequency electromagnetic field in the frequency band 80 MHz to 3000 MHz (test field strength – 1 V/m to 30 V/m)	conform/not conform (A-D)	
			26.51.43.000	9030			
			26.51.44.000	8525		Immunity to electrostatic discharge (discharge amplitude: air – 1 kV to 16,5 kV; contact – 1 kV to 10 kV)	conform/not conform (A-D)
			26.51.45.000			Immunity to conducted disturbances induced by radio- frequency electromagnetic fields in the frequency band 150 kHz to 80 MHz (RMS voltage – 1 V to 30 V)	conform/not conform (A-D)
						Immunity to electrical fast/burst (amplitude – 0,2 kV to 5,5 kV)	conform/not conform (A-D)
		Immunity to surge (amplitude – 0,5 kV to 5 kV)	conform/not conform (A-D)				

					Immunity to voltage dips, short interruptions and voltage variations (power supply test voltage – 0 to 260 V; exposure duration – 0,5 to 250 periods)	conform/not conform (A-D)
					Immunity to the ring wave (test voltage – 0,25 kV to 6 kV)	conform/not conform (A-D)
					Immunity to ripple on DC input power port (voltage ripple – up to 106 V)	conform/not conform (A-D)
					Immunity to conducted, common mode disturbances in frequency range 0 Hz to 150 kHz (test voltage – up to 35 V)	conform/not conform (A-D)
2.	GOST 30805.14.1 (CISPR 14-1)	Household appliances, electric tools and similar apparatus	26.30.11.150	8414	Radiated and conducted emissions in the frequency band 150 kHz to 1000 MHz	Voltage – 0 to 160 dB (uV); electromagnetic field strength – 0 to 160 dB (uV/m); power – minus 107 dB to plus 53 dB (mW)
			26.30.11.190	8423		
			26.40.41.000	8433		
			26.40.51.000	8434		
			26.40.60.000	8443		
			26.51.44.000	8451		
			26.52.11.120	8450		
			26.52.11.130	8467		
			26.52.11.140	8469		
			26.52.12.120	8470		
3.	GOST 30805.14.2 (CISPR 14-2)		26.52.12.130	8472	Immunity to radiated, radio-frequency electromagnetic field in the frequency band 80 MHz to 1000 MHz (test field strength – 1 V/m to 30 V/m)	Test field strength – 1 V/m to 30 V/m
			26.52.14.000	8508	Immunity to electrostatic discharge (discharge amplitude: air – 1 kV to 16,5 kV; contact – 1 kV to 10 kV)	conform/not conform (A-D)
			27.11.10.000	8509		
			27.11.21.000	8510		
			27.11.22.000	8513	Immunity to electrical fast/burst (amplitude – 0,2 kV to 5,5 kV)	conform/not conform (A-D)
			27.11.23.000	8515		
			27.11.40.000	8516	Immunity to conducted disturbances induced by radio-frequency electromagnetic fields in the frequency band 150 kHz to 150 MHz (RMS voltage – 1 V to 30 V)	conform/not conform (A-D)
			27.40.21.120	8518		
			27.51.00.000	8519		
			27.90.11.000	8525	Immunity to conducted disturbances induced by radio-frequency electromagnetic fields in the frequency band 150 kHz to 80 MHz (RMS voltage – 1 V to 30 V)	conform/not conform (A-D)
			27.90.31.110	8543		
			27.90.40.190	9030		
			28.13.14.190	9101	Immunity to surge (amplitude – 0,5 kV to 5 kV)	conform/not conform (A-D)
			28.23.00.000	9102		
			28.24.11.000	9103		
			28.25.12.130	9105		
			28.30.86.000	9106		
	28.93.12.000	9207				
	28.94.40.000	9504				
	28.99.39.190					
	32.20.14.000					
	32.30.14.122					

4.	GOST 32133.2 (IEC 62040-2)	Uninterruptible power systems (UPS)	28.99.39.190 26.51.85.120 27.11.50.110 26.20.40.110	8504	Radiated and conducted emissions in the frequency band 150 kHz to 1000 MHz	Voltage – 0 to 160 dB (uV); electromagnetic field strength – 0 to 160 dB (uV/m)					
					Harmonic current emissions	Current consumption 40 mA to 140 A					
					Immunity to electrostatic discharge (discharge amplitude: air – 1 kV to 16,5 kV; contact – 1 kV to 10 kV)	conform/not conform (A-D)					
					Immunity to radiated, radio-frequency electromagnetic field in the frequency band 80 MHz to 1000 MHz (test field strength – 1 V/m to 30 V/m)	conform/not conform (A-D)					
					Immunity to electrical fast/burst (amplitude – 0,2 kV to 5,5 kV)	conform/not conform (A-D)					
					Immunity to surge (amplitude – 0,5 kV to 5 kV)	conform/not conform (A-D)					
					Immunity to conducted disturbances induced by radio-frequency electromagnetic fields in the frequency band 150 kHz to 80 MHz (RMS voltage – 1 V to 30 V)	conform/not conform (A-D)					
					Power frequency magnetic field immunity (magnetic field strength – 1 A/m to 1000 A/m)	conform/not conform (A-D)					
					Immunity to voltage dips, short interruptions and voltage variations in AC power supply (power supply test voltage – 0 to 260 V; exposure duration – 0,5 to 250 periods)	conform/not conform (A-D)					
5.	GOST R 51318.11 (CISPR 11)	Industrial, scientific and medical equipment	27.51.27.000 27.51.28.110 27.90.30.000 32.50.50.000 26.60.00.000 32.50.00.000	8516 8515 9019	Radiated and conducted emissions in the frequency band 9 kHz to 18 GHz	Voltage – 0 to 160 dB (uV); electromagnetic field strength – 0 to 160 dB (uV/m)					
					6.	GOST 30324.1.2 (IEC 60601-1-2)	Medical electrical equipment	26.60.00.000 32.50.00.000	9019 9018 9021 9021 9022	Radiated and conducted emissions in the frequency band 150 kHz to 18 GHz	Voltage – 0 to 160 dB (uV); electromagnetic field strength – 0 to 160 dB (uV/m); power – minus 107 dB to plus 53 dB (mW)
										Harmonic current emissions	Current consumption 40 mA to 140 A
										Voltage changes, voltage fluctuations and flicker caused by technical means connected to power supply systems	Voltage – 10 V to 530 V

					Immunity to electrostatic discharge (discharge amplitude: air – 1 kV to 16,5 kV; contact – 1 kV to 10 kV)	conform/not conform (A-D)
					Immunity to radiated, radio-frequency electromagnetic field in the frequency band 80 MHz to 2500 MHz (test field strength – 1 V/m to 30 V/m)	conform/not conform (A-D)
					Immunity to electrical fast/burst (amplitude – 0,2 kV to 5,5 kV)	conform/not conform (A-D)
					Immunity to surge (amplitude – 0,5 kV to 5 kV)	conform/not conform (A-D)
					Immunity to conducted disturbances induced by radio-frequency electromagnetic fields in the frequency band 150 kHz to 80 MHz (RMS voltage – 1 V to 30 V)	conform/not conform (A-D)
					Immunity to voltage dips, short interruptions and voltage variations (power supply test voltage – 0 to 260 V; exposure duration – 0,5 to 250 periods)	conform/not conform (A-D)
					Power frequency magnetic field immunity (magnetic field strength – 1 A/m to 1000 A/m)	conform/not conform (A-D)
					Immunity to variation of power frequency (relative frequency change - $\pm 50\%$)	conform/not conform (A-D)
7.	GOST R IEC 60601-1-2 (IEC 60601-1-2)	Medical electrical equipment	26.60.00.000 32.50.00.000	9019 9018 9021 9022	Radiated and conducted emissions in the frequency band 150 kHz to 18 GHz	Voltage – 0 to 160 dB (uV); electromagnetic field strength – 0 to 160 dB (uV/m); power – minus 107 dB to plus 53 dB (mW)
					Harmonic current emissions	Current consumption 40 mA to 140 A
					Voltage changes, voltage fluctuations and flicker caused by technical means connected to power supply systems	Voltage – 10 V to 530 V
					Immunity to electrostatic discharge (discharge amplitude: air – 1 kV to 16,5 kV; contact – 1 kV to 10 kV)	conform/not conform (A-D)
					Immunity to radiated, radio-frequency electromagnetic field in the frequency band 80 MHz to 2500 MHz (test field strength – 1 V/m to 30 V/m)	conform/not conform (A-D)
					Immunity to electrical fast/burst (amplitude – 0,2 kV to 5,5 kV)	conform/not conform (A-D)

					Immunity to surge (amplitude – 0,5 kV to 5 kV)	conform/not conform (A-D)
					Immunity to conducted disturbances induced by radio-frequency electromagnetic fields in the frequency band 150 kHz to 80 MHz (RMS voltage – 1 V to 30 V)	conform/not conform (A-D)
					Immunity to voltage dips, short interruptions and voltage variations (power supply test voltage – 0 to 260 V; exposure duration – 0,5 to 250 periods)	conform/not conform (A-D)
					Power frequency magnetic field immunity (magnetic field strength – 1 A/m to 1000 A/m)	conform/not conform (A-D)
					Immunity to variation of power frequency (relative frequency change - $\pm 50\%$)	conform/not conform (A-D)
8.	GOST 30805.22 (CISPR 22)	Information technology equipment	26.20.00.000 26.12.30.000 28.99.39.190 28.23.11.000 28.23.21.000	8443 8469 8470 8471 8476	Radiated and conducted emissions in the frequency band 150 kHz to 6 GHz	Voltage – 0 to 160 dB (uV); electromagnetic field strength – 0 to 160 dB (uV/m)
9.	GOST CISPR 24 (CISPR 24)		28.29.43.000 28.23.13.190 26.30.23.000 26.40.60.000	8517 8523 8528	Power frequency magnetic field immunity (magnetic field strength – 1 A/m to 1000 A/m)	conform/not conform (A-D)
					Immunity to radiated, radio-frequency electromagnetic field in the frequency band 80 MHz to 1000 MHz (test field strength – 1 V/m to 30 V/m)	conform/not conform (A-D)
					Immunity to electrostatic discharge (discharge amplitude: air – 1 kV to 16,5 kV; contact – 1 kV to 10 kV)	conform/not conform (A-D)
					Immunity to conducted disturbances induced by radio-frequency electromagnetic fields in the frequency band 150 kHz to 80 MHz (RMS voltage – 1 V to 30 V)	conform/not conform (A-D)
					Immunity to electrical fast/burst (amplitude – 0,2 kV to 5,5 kV)	conform/not conform (A-D)
					Immunity to surge (amplitude – 0,5 kV to 5 kV)	conform/not conform (A-D)
					Immunity to voltage dips, short interruptions and voltage variations (power supply test voltage – 0 to 260 V; exposure duration – 0,5 to 250 periods)	conform/not conform (A-D)
10.	GOST 32134.1 (EN 301 489-1)	Radio communication equipment and related auxiliary equipment	26.30.11.000 26.30.12.000 26.30.40.120 26.51.44.000 26.40.11.000	8525 8526 8527	Radiated industrial radio interference	Voltage – 0 to 160 dB (uV); electromagnetic field strength – 0 to 160 dB (uV/m)

					Harmonic current emissions	Current consumption 40 mA to 140 A
					Immunity to electrostatic discharge (discharge amplitude: air – 1 kV to 16,5 kV; contact – 1 kV to 10 kV)	conform/not conform (A-D)
					Immunity to radiated, radio-frequency electromagnetic field in the frequency bands 80 MHz to 1000 MHz and 1,4 GHz to 2,7 GHz (test field strength – 1 V/m to 30 V/m)	conform/not conform (A-D)
					Immunity to electrical fast/burst (amplitude – 0,2 kV to 5,5 kV)	conform/not conform (A-D)
					Immunity to surge (amplitude – 0,5 kV to 5 kV)	conform/not conform (A-D)
					Immunity to conducted disturbances induced by radio-frequency electromagnetic fields in the frequency band 150 kHz to 80 MHz (RMS voltage – 1 V to 30 V)	conform/not conform (A-D)
					Immunity to voltage dips, short interruptions and voltage variations in AC power supply (power supply test voltage – 0 to 260 V; exposure duration – 0,5 to 250 periods)	conform/not conform (A-D)
					Voltage fluctuations and flicker	Voltage – 10 V to 530 V
11.	GOST 30805.13 (CISPR 13)	Sound broadcast receivers, television sets and associated equipment	26.40.11.000 26.40.20.000 26.30.11.150	8525 8527 8528	Radiated and conducted emissions in the frequency band 150 kHz to 1000 MHz	Voltage – 0 to 160 dB (uV); electromagnetic field strength – 0 to 160 dB (uV/m); power – minus 107 dB to plus 53 dB (mW)
12.	GOST R 55176.4.1 (IEC 62236-4)	Railway applications	28.99.39.190 30.20.31.120 30.20.40.180 27.90.70.000 26.30.11.150	8530 8608	Radiated and conducted emissions in the frequency band 150 kHz to 1000 MHz	Voltage – 0 to 160 dB (uV); electromagnetic field strength – 0 to 160 dB (uV/m)
					Power frequency magnetic field immunity (magnetic field strength – 1 A/m to 1000 A/m)	conform/not conform (A-D)
					Immunity to radiated, radio-frequency electromagnetic field in the frequency bands 80 MHz to 1000 MHz and 1,4 GHz to 2,7 GHz (test field strength – 1 V/m to 30 V/m)	conform/not conform (A-D)
					Immunity to electrostatic discharge (discharge amplitude: air – 1 kV to 16,5 kV;	conform/not conform (A-D)

					contact – 1 kV to 10 kV)	
					Immunity to conducted disturbances induced by radio-frequency electromagnetic fields in the frequency band 150 kHz to 80 MHz (RMS voltage – 1 V to 30 V)	conform/not conform (A-D)
					Immunity to electrical fast/burst (amplitude – 0,2 kV to 5,5 kV)	conform/not conform (A-D)
					Immunity to surge (amplitude – 0,5 kV to 5 kV)	conform/not conform (A-D)
					Immunity to voltage dips, short interruptions and voltage variations (power supply test voltage – 0 to 260 V; exposure duration – 0,5 to 250 periods)	conform/not conform (A-D)
					Immunity to ripple on DC input power port (voltage ripple – up to 106 V)	conform/not conform (A-D)
13.	GOST 30804.6.1 (IEC 61000-6-1)	Electrotechnical electronic and radio-electronic product and equipment	-	3900 6300 8400 8500 8600 9000 9100 9200 9400 9500	Power frequency magnetic field immunity (magnetic field strength – 1 A/m to 1000 A/m)	conform/not conform (A-D)
					Immunity to radiated, radio-frequency electromagnetic field in the frequency bands 80 MHz to 1000 MHz and 1,4 GHz to 2,7 GHz (test field strength – 1 V/m to 30 V/m)	conform/not conform (A-D)
					Immunity to electrostatic discharge (discharge amplitude: air – 1 kV to 16,5 kV; contact – 1 kV to 10 kV)	conform/not conform (A-D)
					Immunity to conducted disturbances induced by radio-frequency electromagnetic fields in the frequency band 150 kHz to 80 MHz (RMS voltage – 1 V to 30 V)	conform/not conform (A-D)
					Immunity to electrical fast/burst (amplitude – 0,2 kV to 5,5 kV)	conform/not conform (A-D)
					Immunity to surge (amplitude – 0,5 kV to 5 kV)	conform/not conform (A-D)
					Immunity to voltage dips, short interruptions and voltage variations (power supply test voltage – 0 to 260 V; exposure duration – 0,5 to 250 periods)	conform/not conform (A-D)
14.	GOST 30804.6.2 (IEC 61000-6-2)	Electrotechnical electronic and radio-electronic product and equipment	-	3900 6300 8400 8500 8600 9000	Power frequency magnetic field immunity (magnetic field strength – 1 A/m to 1000 A/m)	conform/not conform (A-D)
					Immunity to radiated, radio-frequency electromagnetic field in the frequency bands 80 MHz to 1000 MHz and 1,4 GHz to 2,7 GHz (test field strength – 1 V/m to 30 V/m)	conform/not conform (A-D)

				9100 9200 9400 9500	Immunity to electrostatic discharge (discharge amplitude: air – 1 kV to 16,5 kV; contact – 1 kV to 10 kV)	conform/not conform (A-D)
					Immunity to conducted disturbances induced by radio-frequency electromagnetic fields in the frequency band 150 kHz to 80 MHz (RMS voltage – 1 V to 30 V)	conform/not conform (A-D)
					Immunity to electrical fast/burst (amplitude – 0,2 kV to 5,5 kV)	conform/not conform (A-D)
					Immunity to surge (amplitude – 0,5 kV to 5 kV)	conform/not conform (A-D)
					Immunity to voltage dips, short interruptions and voltage variations (power supply test voltage – 0 to 260 V; exposure duration – 0,5 to 250 periods)	conform/not conform (A-D)
15.	GOST 30804.6.3 (IEC 61000-6-3)	Electrotechnical electronic and radio-electronic product and equipment	-	3900 6300 8400 8500 8600 9000 9100 9200 9400 9500	Radiated and conducted emissions in the frequency band 150 kHz to 1000 MHz	Voltage – 0 to 160 dB (uV); electromagnetic field strength – 0 to 160 dB (uV/m)
					Harmonic current emissions in the frequency band 0 to 2 kHz	Current consumption 40 mA to 140 A
					Voltage changes, voltage fluctuations and flicker caused by technical means connected to power supply systems	Voltage – 10 V to 530 V
16.	GOST 30804.6.4 (IEC 61000-6-4)	Electrotechnical electronic and radio-electronic product and equipment	-	3900 6300 8400 8500 8600 9000 9100 9200 9400 9500	Radiated and conducted emissions in the frequency band 150 kHz to 1000 MHz	Voltage – 0 to 160 dB (uV); electromagnetic field strength – 0 to 160 dB (uV/m)
17.	GOST R IEC 61326-1 (IEC 61326-1)	Electrical equipment for measurement, control and laboratory use	26.51.51.000 26.51.52.000 26.51.43.000 26.51.42.000 26.51.53.000 26.51.65.000 26.51.44.000 26.51.63.130 28.29.30.000	9026 9030 9027 9032 9028 8423 9015	Radiated and conducted emissions in the frequency band 150 kHz to 18 GHz	Voltage – 0 to 160 dB (uV); electromagnetic field strength – 0 to 160 dB (uV/m)
					Harmonic current emissions	Current consumption 40 mA to 140 A
					Voltage changes, voltage fluctuations and flicker caused by technical means connected to power supply systems	Voltage – 10 V to 530 V

					Immunity to electrostatic discharge (discharge amplitude: air – 1 kV to 16,5 kV; contact – 1 kV to 10 kV)	conform/not conform (A-D)
					Immunity to radiated, radio-frequency electromagnetic field in the frequency bands 80 MHz to 1000 MHz and 1,4 GHz to 2,7 GHz (test field strength – 1 V/m to 30 V/m)	conform/not conform (A-D)
					Immunity to voltage dips, short interruptions and voltage variations in AC power supply (power supply test voltage – 0 to 260 V; exposure duration – 0,5 to 250 periods)	conform/not conform (A-D)
					Immunity to electrical fast/burst (amplitude – 0,2 kV to 5,5 kV)	conform/not conform (A-D)
					Immunity to surge (amplitude – 0,5 kV to 5 kV)	conform/not conform (A-D)
					Immunity to conducted disturbances induced by radio-frequency electromagnetic fields in the frequency band 150 kHz to 80 MHz (RMS voltage – 1 V to 30 V)	conform/not conform (A-D)
18.	GOST R 50009	Components of intruder alarm systems	26.30.50.000	8531	Radiated and conducted emissions in the frequency band 150 kHz to 1000 MHz	Voltage – 0 to 160 dB (uV); electromagnetic field strength – 0 to 160 dB (uV/m)
					Immunity to surge (amplitude – 0,5 kV to 5 kV)	conform/not conform (A-D)
					Immunity to electrical fast/burst (amplitude – 0,2 kV to 5,5 kV)	conform/not conform (A-D)
					Immunity to voltage dips, short interruptions and voltage variations (power supply test voltage – 0 to 260 V; exposure duration – 0,5 to 250 periods)	conform/not conform (A-D)
					Immunity to harmonics and interharmonics including mains signalling at a. c. power ports (Influence voltage at a rated power supply voltage of 230 V - 0 to 30% of nominal)	conform/not conform (A-D)
					Immunity to conducted disturbances induced by radio-frequency electromagnetic fields in the frequency band 150 kHz to 80 MHz (RMS voltage – 1 V to 30 V)	conform/not conform (A-D)
					Immunity to radiated, radio-frequency electromagnetic field in the frequency band 80 MHz to 1000 MHz (test field strength – 1 V/m to 30 V/m)	conform/not conform (A-D)
					Immunity to electrostatic discharge (discharge amplitude:	conform/not conform (A-D)

					air – 1 kV to 16,5 kV; contact – 1 kV to 10 kV)	
19.	GOST R 51699 (EH 50130-4 (1995-12))	Components of intruder alarm systems	26.30.50.000	8531 8512	Immunity to voltage dips, short interruptions and overshoots in AC power supply (power supply test voltage – 0 to 260 V; exposure duration – 0,5 to 250 periods)	conform/not conform (A-D)
					Immunity to electrostatic discharge (discharge amplitude: air – 1 kV to 16,5 kV; contact – 1 kV to 10 kV)	conform/not conform (A-D)
					Immunity to radiated, radio-frequency electromagnetic field in the frequency band 80 MHz to 1000 MHz (test field strength – 1 V/m to 30 V/m)	conform/not conform (A-D)
					Immunity to conducted disturbances induced by radio- frequency electromagnetic fields in the frequency band 150 kHz to 80 MHz (RMS voltage – 1 V to 30 V)	conform/not conform (A-D)
					Immunity to surge (amplitude – 0,5 kV to 5 kV)	conform/not conform (A-D)
					Immunity to electrical fast/burst (amplitude – 0,2 kV to 5,5 kV)	conform/not conform (A-D)
20.	GOST CISPR 15 (CISPR 15)	Household appliances, electric tools and similar devices	27.90.11.000 27.40.00.000 27.90.20.000	8512 8539	Conducted industrial radio interference in the frequency band 9 kHz to 30 MHz	Voltage – 0 to 160 dB (uV)
					Radiated and conducted emissions in the frequency band 30 to 300 MHz	Electromagnetic field strength – 0 to 160 dB (uV/m)
					Radiated and conducted emissions in the frequency band 9 kHz to 30 MHz	The strength of the current induced in a three-coordinate loop antenna – 0 to 160 dB (uA)
21.	GOST EN 55103-1 (EN 55103-1)	Professional audio, video, audiovisual equipment and control equipment for lighting devices for entertainment events	26.30.40.120 26.30.11.150	8528 8519 8525	Radiated and conducted emissions in the frequency band 150 kHz to 1000 MHz	Voltage – 0 to 160 dB (uV); electromagnetic field strength – 0 to 160 dB (uV/m)
					Harmonic current emissions	Current consumption 40 mA to 140 A
					Voltage changes, voltage fluctuations and flicker caused by technical means connected to power supply systems	Voltage – 10 V to 530 V
22.	GOST 32136 (EN 55103-2)	Professional audio, video, audiovisual equipment and control equipment for	26.30.40.120 26.30.11.150	8528 8519 8525	Immunity to radiated, radio-frequency electromagnetic field in the frequency band 80 MHz to 1000 MHz (test field strength – 1 V/m to 30 V/m)	conform/not conform (A-D)

		lighting devices for entertainment events			Immunity to electrostatic discharge (discharge amplitude: air – 1 kV to 16,5 kV; contact – 1 kV to 10 kV)	conform/not conform (A-D)
					Immunity to conducted disturbances induced by radio-frequency electromagnetic fields in the frequency band 150 kHz to 80 MHz (RMS voltage – 1 V to 30 V)	conform/not conform (A-D)
					Immunity to electrical fast/burst (amplitude – 0,2 kV to 5,5 kV)	conform/not conform (A-D)
					Immunity to surge (amplitude – 0,5 kV to 5 kV)	conform/not conform (A-D)
					Immunity to voltage dips, short interruptions and voltage variations (power supply test voltage – 0 to 260 V; exposure duration – 0,5 to 250 periods)	conform/not conform (A-D)
23.	GOST 30428	Wire communication equipment	26.30.23.000	8517	Radiated and conducted emissions in the frequency band 150 kHz to 1000 MHz	Voltage – 0 to 160 dB (uV); electromagnetic field strength – 0 to 160 dB (uV/m)
24.	GOST R 50932	Wire communication equipment	26.30.23.000	8517	Immunity to radiated, radio-frequency electromagnetic field in the frequency band 80 MHz to 1000 MHz (test field strength – 1 V/m to 30 V/m)	conform/not conform (A-D)
					Immunity to electrostatic discharge (discharge amplitude: air – 1 kV to 16,5 kV; contact – 1 kV to 10 kV)	conform/not conform (A-D)
					Immunity to electrical fast/burst (amplitude – 0,2 kV to 5,5 kV)	conform/not conform (A-D)
					Immunity to surge (amplitude – 0,5 kV to 5 kV)	conform/not conform (A-D)
					Immunity to voltage dips, short interruptions and voltage variations in AC power supply (power supply test voltage – 0 to 260 V; exposure duration – 0,5 to 250 periods)	conform/not conform (A-D)
25.	GOST R 51514 (IEC 61547)	Lighting equipment	27.90.11.000	8512 8539	Immunity to electrostatic discharge (discharge amplitude: air – 1 kV to 16,5 kV; contact – 1 kV to 10 kV)	conform/not conform (A-D)
					Immunity to radiated, radio-frequency electromagnetic field in the frequency band 80 MHz to 1000 MHz (test field strength – 1 V/m to 30 V/m)	conform/not conform (A-D)
					Power frequency magnetic field immunity (magnetic field strength – 1 A/m to 1000 A/m)	conform/not conform (A-D)

					Immunity to electrical fast/burst (amplitude – 0,2 kV to 5,5 kV)	conform/not conform (A-D)
					Immunity to conducted disturbances induced by radio-frequency electromagnetic fields in the frequency band 150 kHz to 80 MHz (RMS voltage – 1 V to 30 V)	conform/not conform (A-D)
					Immunity to surge (amplitude – 0,5 kV to 5 kV)	conform/not conform (A-D)
					Immunity to voltage dips, short interruptions and voltage variations (power supply test voltage – 0 to 260 V; exposure duration – 0,5 to 250 periods)	conform/not conform (A-D)
26.	GOST 32132.3 (IEC 61204-3)	Low-voltage power supplies, d.c. output	27.90.11.000	8504	Radiated and conducted emissions in the frequency band 150 kHz to 1000 MHz	Voltage – 0 to 160 dB (uV); electromagnetic field strength – 0 to 160 dB (uV/m); power – minus 17 dB (mW) to plus 140 dB (mW)
					Mains current harmonics and interharmonics	Current consumption 40 mA to 140 A
					Power supply fluctuations and flicker	Voltage – 10 V to 530 V
					Immunity to electrostatic discharge (discharge amplitude: air – 1 kV to 16,5 kV; contact – 1 kV to 10 kV)	conform/not conform (A-D)
					Immunity to radiated, radio-frequency electromagnetic field in the frequency band 80 MHz to 1000 MHz (test field strength – 1 V/m to 30 V/m)	conform/not conform (A-D)
					Immunity to electrical fast/burst (amplitude – 0,2 kV to 5,5 kV)	conform/not conform (A-D)
					Immunity to conducted disturbances induced by radio-frequency electromagnetic fields in the frequency band 150 kHz to 80 MHz (RMS voltage – 1 V to 30 V)	conform/not conform (A-D)
					Immunity to surge (amplitude – 0,5 kV to 5 kV)	conform/not conform (A-D)
					Immunity to voltage dips, short interruptions and voltage variations in AC power supply (power supply test voltage – 0 to 260 V; exposure duration – 0,5 to 250 periods)	conform/not conform (A-D)
27.	GOST 30804.4.3 (IEC 61000-4-3)		26.12.30.000 26.20.00.000	8414 8423	Immunity to radiated, radio-frequency electromagnetic field in the frequency band 80 MHz to 6 GHz (test field	conform/not conform (A-D)

		Electrical, electronic and radioelectronic products and equipment	26.30.00.000	8433	strength – 1 V/m to 30 V/m)	
28.	GOST 30804.4.4 (IEC 61000-4-4)		26.40.11.000	8434	Immunity to electrical fast/burst (amplitude – 0,2 kV to 5,5 kV, repetition frequency - 5 kHz to 1000 kHz)	conform/not conform (A-D)
			26.40.20.000	8443		
			26.40.41.000	8451		
			26.40.51.000	8452		
			26.40.60.000	8467		
29.	GOST R 51317.4.5 (IEC 61000-4-5)		26.51.42.000	8469	Immunity to surge (amplitude – 0,5 kV to 5 kV)	conform/not conform (A-D)
			26.51.43.000	8470		
30.	СТБ IEC 61000-4-5 (IEC 61000-4-5)		26.51.44.000	8471	Immunity to surge (amplitude – 0,5 kV to 5 kV)	conform/not conform (A-D)
			26.51.45.000	8472		
31.	GOST 30804.4.11 (IEC 61000-4-11)		26.51.51.000	8474	Immunity to voltage dips, short interruptions and voltage variations in AC power supply (power supply test voltage – 0 to 260 V; exposure duration – 0,5 to 250 periods)	conform/not conform (A-D)
			26.51.52.000	8476		
			26.51.53.000	8504		
			26.51.63.130	8508		
			26.51.65.000	8509		
32.	GOST 30804.4.2 (IEC 61000-4-2)		26.51.85.120	8510	Immunity to electrostatic discharge (discharge amplitude: air – 1 kV to 16,5 kV; contact – 1 kV to 10 kV)	conform/not conform (A-D)
			26.52.11.120	8512		
			26.52.11.130	8513		
33.	GOST R 51317.4.16 (IEC 61000-4-16)		26.52.11.140	8515	Immunity to conducted disturbances induced by radio-frequency electromagnetic fields in the frequency band 0 to 150 kHz (test voltage when exposed to long-term interference - up to 35 V; short-term - up to 330 V)	conform/not conform (A-D)
			26.52.12.120	8516		
			26.52.12.130	8517		
			26.52.14.000	8518		
34.	GOST 30804.4.13 (IEC 61000-4-13)		26.60.00.000	8519	Immunity to harmonics and interharmonics including mains signalling at a. c. power ports (Influence voltage at a rated power supply voltage of 230 V - 0 to 30% of nominal)	conform/not conform (A-D)
			27.11.10.000	8523		
			27.11.21.000	8525		
			27.11.22.000	8526		
35.	GOST R 51317.4.14 (IEC 61000-4-14)		27.11.23.000	8527	Immunity to power supply voltage fluctuation (power supply test voltage - 0 to 300 V per phase)	conform/not conform (A-D)
			27.11.40.000	8528		
			27.11.50.110	8530		
36.	GOST R 51317.4.17 (IEC 61000-4-17)		27.12.31.000	8531	Immunity to ripple on DC input power port (voltage ripple – up to 106 V)	conform/not conform (A-D)
			27.40.21.120	8537		
			27.51.00.000	8539		
37.	GOST R 51317.4.28 (IEC 61000-4-28)		27.90.11.000	8543	Immunity to variation of power frequency (relative frequency change - $\pm 50\%$)	conform/not conform (A-D)
			27.90.30.000	8608		
			27.90.31.110	9015		
			27.90.40.190	9018		
			27.90.70.000	9019		
			28.13.14.190	9021		
			28.23.00.000	9022		
			28.24.11.000	9026		
			28.25.12.130	9027		
38.	GOST R 51317.4.6 (IEC 61000-4-6)		28.30.86.000	9028		
			28.29.30.000	9030		
			28.29.43.000	9032		

39.	CTB IEC 61000-4-6 (IEC 61000-4-6)	Electrical, electronic and radioelectronic products and equipment	28.93.12.000 28.94.40.000 28.99.39.150 28.99.39.190	9101 9102 9103 9105	Immunity to conducted disturbances induced by radio-frequency electromagnetic fields in the frequency band 150 kHz to 80 MHz (RMS voltage – 1 V to 30 V)	conform/not conform (A-D)
40.	GOST R 50648 (IEC 1000-4-8)	Technical means used in domestic conditions, commercial establishments, industrial enterprises, power plants and electrical substations of medium and high voltage, exposed to the influence of a magnetic field of frequency under operating conditions 50Hz or 60Hz	32.20.14.000 30.20.31.120 30.20.40.180 32.30.14.122 32.30.14.123 32.50.00.000	9106 9207 9504	Power frequency magnetic field immunity (magnetic field strength – 1 A/m to 1000 A/m)	conform/not conform (A-D)
41.	GOST R 50649 (IEC 1000-4-9)	Technical means used in industrial enterprises, power plants and electrical substations of medium and high voltage, exposed to the effects of a pulsed magnetic field under operating conditions			Immunity to the impulse magnetic field (magnetic field strength – 100 A/m to 1000 A/m)	conform/not conform (A-D)
42.	GOST 30804.3.2 (IEC 61000-3-2)	Electrotechnical electronic and radio-electronic product and equipment	26.12.30.000 26.20.00.000 26.30.00.000 26.40.11.000 26.40.20.000 26.40.41.000 26.40.51.000 26.40.60.000 26.51.42.000 26.51.43.000 26.51.44.000	8414 8423 8433 8434 8443 8451 8452 8467 8469 8470 8471	Radiated harmonic components of the current by technical means with a current consumption of not more than 16 A (in one phase)	Current consumption 40 mA to 140 A

43.	GOST 30804.3.12 (IEC 61000-3-12)	Electrotechnical electronic and radio-electronic product and equipment	26.51.45.000 26.51.51.000 26.51.52.000 26.51.53.000 26.51.63.130 26.51.65.000 26.51.85.120 26.52.11.120 26.52.11.130 26.52.11.140 26.52.12.120 26.52.12.130 26.52.14.000 26.60.00.000 27.11.10.000 27.11.21.000 27.11.22.000 27.11.23.000 27.11.40.000 27.11.50.110 27.12.31.000 27.40.21.120 27.51.00.000 27.90.11.000 27.90.30.000 27.90.31.110	8472 8474 8476 8504 8508 8509 8510 8512 8513 8515 8516 8517 8518 8519 8523 8525 8526 8527 8528 8530 8531 8537 8539 8543 8608 9015	Harmonic current emissions	Current consumption 40 mA to 140 A
-----	-------------------------------------	--	--	--	----------------------------	---------------------------------------

44.	GOST 30804.3.11 (IEC 61000-3-11)	Electrotechnical electronic and radio-electronic product and equipment	27.90.40.190 27.90.70.000 28.13.14.190 28.23.00.000 28.24.11.000 28.25.12.130 28.30.86.000 28.29.30.000 28.29.43.000 28.93.12.000 28.94.40.000 28.99.39.150 28.99.39.190 32.20.14.000 30.20.31.120 30.20.40.180 32.30.14.122 32.30.14.123 32.50.00.000	9018 9019 9021 9022 9026 9027 9028 9030 9032 9101 9102 9103 9105 9106 9207 9504	Voltage changes, voltage fluctuations and flicker caused by technical means connected to power supply systems	Frequency band – 15 Hz to 3000 Hz; voltage – 10 V to 530 V
45.	GOST 30804.3.3 (IEC 61000-3-3)	Electrotechnical electronic and radio-electronic product and equipment			Voltage fluctuations, voltage fluctuations and flicker in general low-voltage power systems	Frequency band – 15 Hz to 3000 Hz; voltage – 10 V to 530 V

46.	GOST IEC 61000-4-12 (IEC 61000-4-12)	-	26.12.30.000 26.20.00.000 26.30.00.000 26.40.11.000 26.40.20.000 26.40.41.000 26.40.51.000 26.40.60.000 26.51.42.000 26.51.43.000 26.51.44.000 26.51.45.000	8414 8423 8433 8434 8443 8451 8452 8467 8469 8470 8471 8472	Immunity to oscillatory damping wave (test voltage $\pm(250 - 6000)$ V)	conform/not conform (A-D)
47.	GOST IEC 61000-4-29 (IEC 61000-4-29)	Electrotechnical electronic and radio-electronic product and equipment	26.51.51.000 26.51.52.000 26.51.53.000	8474 8476 8504	Immunity to voltage dips / interruptions in power supply (power supply test voltage – 0 to 425 V; exposure duration – 0,5 to 1000 periods)	conform/not conform (A-D)
48.	GOST IEC 61000-4-8 (IEC 61000-4-8)	Electrotechnical electronic and radio-electronic product and equipment	26.51.63.130 26.51.65.000 26.51.85.120 26.52.11.120 26.52.11.130	8508 8509 8510 8512 8513	Power frequency magnetic field immunity (magnetic field strength – 1 A/m to 1000 A/m)	conform/not conform (A-D)
49.	GOST IEC 61000-4-9 (IEC 61000-4-9)	Electrotechnical electronic and radio-electronic product and equipment	26.52.11.140 26.52.12.120 26.52.12.130 26.52.14.000 26.60.00.000 27.11.10.000 27.11.21.000 27.11.22.000 27.11.23.000 27.11.40.000 27.11.50.110 27.12.31.000 27.40.21.120 27.51.00.000 27.90.11.000 27.90.30.000	8515 8516 8517 8518 8519 8523 8525 8526 8527 8528 8530 8531 8537 8539 8543 8608	Immunity to the impulse magnetic field (magnetic field strength – 1 A/m to 1000 A/m)	conform/not conform (A-D)

50.	GOST R 50652 (IEC 1000-4-10)	Electrotechnical electronic and radio-electronic product and equipment	27.90.31.110 27.90.40.190 27.90.70.000 28.13.14.190 28.23.00.000 28.24.11.000 28.25.12.130 28.30.86.000 28.29.30.000 28.29.43.000 28.93.12.000 28.94.40.000 28.99.39.150 28.99.39.190 32.20.14.000 30.20.31.120 30.20.40.180 32.30.14.122 32.30.14.123 32.50.00.000	9015 9018 9019 9021 9022 9026 9027 9028 9030 9032 9101 9102 9103 9105 9106 9207 9504	Immunity to the oscillatory damping magnetic field (magnetic field strength – 1 A/m to 100 A/m)	conform/not conform (A-D)
51.	GOST IEC 61547 (IEC 61547)	Lighting equipment	27.40.00.000 27.90.20.000	8512 8539	<p>Immunity to electrostatic discharge (discharge amplitude: air – 1 kV to 16,5 kV; contact – 1 kV to 10 kV)</p> <p>Immunity to radiated, radio-frequency electromagnetic field in the frequency band 80 MHz to 1000 MHz (test field strength – 1 V/m to 30 V/m)</p> <p>Power frequency magnetic field immunity (magnetic field strength – 1 A/m to 1000 A/m)</p> <p>Immunity to electrical fast/burst (amplitude – 0,2 kV to 5,5 kV)</p> <p>Immunity to conducted disturbances induced by radio-frequency electromagnetic fields in the frequency band 150 kHz to 80 MHz (RMS voltage – 1 V to 30 V)</p> <p>Immunity to surge (amplitude – 0,5 kV to 5 kV)</p> <p>Immunity to voltage dips / interruptions in power supply (power supply test voltage – 0 to 425 V; exposure duration – 0,5 to 1000 periods)</p>	<p>conform/not conform (A-D)</p> <p>conform/not conform (A-D)</p> <p>conform/not conform (A-D)</p> <p>conform/not conform (A-D)</p> <p>conform/not conform (A-D)</p> <p>conform/not conform (A-D)</p> <p>conform/not conform (A-D)</p>
52.	GOST 32137	Technical equipment for nuclear power plants	28.99.39.150 27.12.31.000	8474 8537	Power frequency magnetic field immunity (magnetic field strength – 1 A/m to 1000 A/m)	conform/not conform (A-D)

			26.30.00.000	9028	Immunity to radiated, radio-frequency electromagnetic field in the frequency band 80 MHz to 2000 MHz (test field strength – 1 V/m to 30 V/m)	conform/not conform (A-D)
			26.51.43.000	9030		
			26.51.44.000	8525		
			26.51.45.000		Immunity to electrostatic discharge (discharge amplitude: air – 1 kV to 16,5 kV; contact – 1 kV to 10 kV)	conform/not conform (A-D)
			28.99.39.150			
			27.12.31.000			
			26.30.00.000		Immunity to conducted disturbances induced by radio-frequency electromagnetic fields in the frequency band 150 kHz to 80 MHz (RMS voltage – 1 V to 30 V)	conform/not conform (A-D)
			26.51.43.000			
			26.51.44.000		Immunity to electrical fast/burst (amplitude – 0,2 kV to 5,5 kV)	conform/not conform (A-D)
			26.51.45.000		Immunity to surge (amplitude – 0,5 kV to 5 kV)	conform/not conform (A-D)
					Immunity to voltage dips / interruptions in power supply (power supply test voltage – 0 to 425 V; exposure duration – 0,5 to 1000 periods)	conform/not conform (A-D)
					Immunity to oscillatory damping wave (test voltage – 0,25 to 6 kV)	conform/not conform (A-D)
					Immunity to ripple on DC input power port (voltage ripple – up to 106 V)	conform/not conform (A-D)
					Immunity to harmonics and interharmonics including mains signalling at a. c. power ports (Influence voltage at a rated power supply voltage of 230 V - 0 to 30% of nominal)	conform/not conform (A-D)
					Immunity to conducted disturbances induced by radio-frequency electromagnetic fields in the frequency band 0 to 150 kHz (test voltage when exposed to long-term interference - up to 35 V; short-term - up to 330 V)	conform/not conform (A-D)
					Immunity to power supply voltage fluctuation (power supply test voltage - 0 to 300 V per phase)	conform/not conform (A-D)
					Immunity to the oscillatory damping magnetic field (magnetic field strength – 1 A/m to 100 A/m)	conform/not conform (A-D)
					Immunity to variation of power frequency (relative frequency change - $\pm 50\%$)	conform/not conform (A-D)
					Immunity to the impulse magnetic field (magnetic field strength – 100 A/m to 1000 A/m)	conform/not conform (A-D)
					Radiated and conducted emissions in the frequency band 150 kHz to 1000 MHz	Voltage – 0 to 160 dB (uV);

						electromagnetic field strength – 0 to 160 dB (uV/m);
					Voltage fluctuations and flicker in general low-voltage power systems	Frequency band – 15 Hz to 3000 Hz; voltage – 10 V to 530 V
					Radiated harmonic components of the current by technical means with a current consumption of not more than 16 A (in one phase)	Current consumption 40 mA to 140 A
53.	GOST 33436.4-1 (IEC 62236-4)	Railway systems and equipment	28.99.39.190 30.20.31.120 30.20.40.180 27.90.70.000 26.30.11.150	8530 8608	Radiated and conducted emissions in the frequency band 150 kHz to 1000 MHz	Voltage – 0 to 160 dB (uV); electromagnetic field strength – 0 to 160 dB (uV/m);
					Power frequency magnetic field immunity (magnetic field strength – 1 A/m to 1000 A/m)	conform/not conform (A-D)
					Immunity to radiated, radio-frequency electromagnetic field in the frequency bands 80 MHz to 1000 MHz and 1,4 GHz to 2,7 GHz (test field strength – 1 V/m to 30 V/m)	conform/not conform (A-D)
					Immunity to electrostatic discharge (discharge amplitude: air – 1 kV to 16,5 kV; contact – 1 kV to 10 kV)	conform/not conform (A-D)
					Immunity to conducted disturbances induced by radio-frequency electromagnetic fields in the frequency band 150 kHz to 80 MHz (RMS voltage – 1 V to 30 V)	conform/not conform (A-D)
					Immunity to electrical fast/burst (amplitude – 0,2 kV to 5,5 kV)	conform/not conform (A-D)
					Immunity to surge (amplitude – 0,5 kV to 5 kV)	conform/not conform (A-D)
					Immunity to voltage dips / interruptions in power supply (power supply test voltage – 0 to 425 V; exposure duration – 0,5 to 1000 periods)	conform/not conform (A-D)
					Immunity to ripple on DC input power port (voltage ripple – up to 106 V)	conform/not conform (A-D)
54.	GOST IEC 61000-6-4 (IEC 61000-6-4)	Electrical, electronic and radioelectronic products and equipment	-	-	Radiated and conducted emissions in the frequency band 150 kHz to 1000 MHz	Voltage – 0 to 160 dB (uV);

						electromagnetic field strength – 0 to 160 dB (uV/m)
55.	GOST R 51317.6.5 (IEC 61000-6-5)	Electrical, electronic and radio-electronic product and equipment used in power plants and substations	27.12.31.000 26.30.00.000 26.51.43.000 26.51.44.000 26.51.45.000	8537 9028 9030 8525	Immunity to voltage dips / interruptions in DC power supply (power supply test voltage – 0 to 425 V)	conform/not conform (A-D)
56.	STB EH 55015 (EN 55015)	Lighting equipment	27.40.00.000 27.90.20.000	8512 8539	Radiated and conducted emissions in the frequency band 9 kHz to 30 MHz	The strength of the current induced in a three-coordinate loop antenna – 0 to 160 dB (uA)
					Conducted industrial radio interference in the frequency band 9 kHz to 30 MHz	Voltage – 0 to 160 dB (uV)
57.	GOST IEC 61000-4-3 (IEC 61000-4-3)	Electrotechnical electronic and radio-electronic product and equipment including railway transport and railway transport infrastructure	26.12.30.000 26.20.00.000 26.30.00.000 26.40.11.000 26.40.20.000 26.40.41.000	8414 8423 8433 8434 8443 8451	Immunity to radiated, radio-frequency electromagnetic field in the frequency band 80 MHz to 6 GHz (test field strength – 1 V/m to 30 V/m)	conform/not conform (A-D)
58.	GOST 30429	Equipment and apparatus used together with service receiver systems of civil application	26.40.51.000 26.40.60.000 26.51.42.000 26.51.43.000 26.51.44.000	8452 8467 8469 8470 8471	Radiated and conducted emissions in the frequency band 9 kHz to 1 GHz	Voltage – 0 to 160 dB (uV); electromagnetic field strength – 0 to 160 dB (uV/m)
					26.51.45.000 26.51.51.000 26.51.52.000	8472 8474 8476
59.	GOST IEC 61000-4-18 (IEC 61000-4-18)	Electrical, electronic and radioelectronic products and equipment	26.51.53.000	8504	Immunity to electrical fast transients (bursts) (amplitude of voltage pulses – 0,2 kV to 5,5 kV)	conform/not conform (A-D)
60.	GOST IEC 61000-4-4 (IEC 61000-4-4)	Electrical, electronic and radioelectronic products and equipment				
61.	GOST IEC 61000-4-5 (IEC 61000-4-5)	Electrical, electronic and radioelectronic products and equipment	26.51.63.130 26.51.65.000 26.51.85.120	8508 8509 8510	Surge immunity (amplitude of voltage pulses – 0,5 kV to 5 kV)	conform/not conform (A-D)
62.	GOST IEC 61000-4-34 (IEC 61000-4-34)	Electrical, electronic and radioelectronic products and equipment	26.52.11.120	8512	Immunity to voltage dips, short interruptions and voltage variations in AC power supply (power supply test voltage – 0 to 260 V; exposure duration – 0,5 to 250 periods)	conform/not conform (A-D)
			26.52.11.130 26.52.11.140 26.52.12.120	8513 8515 8516		

63.	GOST IEC 61000-3-3 (IEC 61000-3-3)	Electrical, electronic and radioelectronic products and equipment	26.52.12.130	8517	Voltage fluctuations and flicker in general low-voltage power systems	Frequency band – 15 Hz to 3000 Hz; voltage – 10 V to 530 V					
			26.52.14.000	8518							
			26.60.00.000	8519							
			27.11.10.000	8523							
			27.11.21.000	8525							
			27.11.22.000	8526							
			27.11.23.000	8527							
			27.11.40.000	8528							
			27.11.50.110	8530							
			27.12.31.000	8531							
			27.40.21.120	8537							
			27.51.00.000	8539							
			27.90.11.000	8543							
			27.90.30.000	8608							
			27.90.31.110	9015							
			27.90.40.190	9018							
			27.90.70.000	9019							
			64.	GOST IEC 61000-3-2 (IEC 61000-3-2)			Electrotechnical electronic and radio-electronic product and equipment	28.13.14.190	9021	Harmonic current emissions	Current consumption 40 mA to 140 A
								28.23.00.000	9022		
28.24.11.000	9026										
28.25.12.130	9027										
28.30.86.000	9028										
28.29.30.000	9030										
28.29.43.000	9032										
28.93.12.000	9101										
28.94.40.000	9102										
28.99.39.150	9103										
28.99.39.190	9105										
32.20.14.000	9106										
30.20.31.120	9207										
30.20.40.180	9504										
32.30.14.122											
32.30.14.123											
32.50.00.000											
65.	GOST R 52459.17 (EH 301 489-17)	2,4 GHz wideband transmission systems, 5 GHz high performance RLAN equipment and 5,8 GHz broadband data transmitting systems			26.20.00.000	8517		Radiated and conducted emissions in the frequency band 30 to 6000 MHz	Electromagnetic field strength – 0 to 160 dB (uV/m)		
					26.30.00.000	8518					
			26.40.50.000	8519							
			26.40.60.000	8525	Conducted industrial radio interference in the frequency band 150 kHz to 30 MHz	Voltage – 0 to 160 dB (uV); current – 0 to 160 dB (uA)					
			26.51.00.000	8526							
			26.60.00.000	8527							
			26.70.00.000	8528	Voltage fluctuations and flicker	Frequency band – 15 Hz to 3000 Hz;					
			27.12.00.000	8531							
			27.51.00.000	8537							
27.90.10.000											

			27.90.20.000			voltage – 10 V to 530 V
					Harmonic current emissions	Current consumption 40 mA to 140 A
					Immunity to radiated, radio-frequency electromagnetic field in the frequency bands 80 MHz to 1000 MHz and 1,4 GHz to 2,7 GHz (test field strength – 1 V/m to 30 V/m)	conform/not conform (A-D)
					Immunity to electrostatic discharge (discharge amplitude: air – 1 kV to 16,5 kV; contact – 1 kV to 10 kV)	conform/not conform (A-D)
					Immunity to electrical fast/burst (amplitude – 0,2 kV to 5,5 kV)	conform/not conform (A-D)
					Immunity to conducted disturbances induced by radio-frequency electromagnetic fields in the frequency band 150 kHz to 80 MHz (RMS voltage – 1 V to 30 V)	conform/not conform (A-D)
					Immunity to voltage dips / interruptions in power supply (power supply test voltage – 0 to 425 V; exposure duration – 0,5 to 1000 periods)	conform/not conform (A-D)
					Immunity to surge (amplitude – 0,5 kV to 5 kV)	conform/not conform (A-D)
66.	GOST R 52459.3 (EH 301 489-3)	Short-range radio communication equipment and auxiliary equipment	26.20.00.000 26.30.00.000 26.40.50.000 26.40.60.000 26.51.00.000 26.60.00.000 26.70.00.000 27.12.00.000 27.51.00.000 27.90.10.000 27.90.20.000	8517 8518 8519 8521 8525 8526 8527 8528 8531 8537	Radiated and conducted emissions in the frequency band 30 to 6000 MHz Conducted industrial radio interference in the frequency band 150 kHz to 30 MHz Voltage fluctuations and flicker Harmonic current emissions	Electromagnetic field strength – 0 to 160 dB (uV/m) Voltage – 0 to 160 dB (uV); current – 0 to 160 dB (uA) Frequency band – 15 Hz to 3000 Hz; voltage – 10 V to 530 V Current consumption 40 mA to 140 A

					Immunity to radiated, radio-frequency electromagnetic field in the frequency bands 80 MHz to 1000 MHz and 1,4 GHz to 2,7 GHz (test field strength – 1 V/m to 30 V/m)	conform/not conform (A-D)
					Immunity to electrostatic discharge (discharge amplitude: air – 1 kV to 16,5 kV; contact – 1 kV to 10 kV)	conform/not conform (A-D)
					Immunity to electrical fast/burst (amplitude – 0,2 kV to 5,5 kV)	conform/not conform (A-D)
					Immunity to conducted disturbances induced by radio-frequency electromagnetic fields in the frequency band 150 kHz to 80 MHz (RMS voltage – 1 V to 30 V)	conform/not conform (A-D)
					Immunity to voltage dips / interruptions in power supply (power supply test voltage – 0 to 425 V; exposure duration – 0,5 to 1000 periods)	conform/not conform (A-D)
					Immunity to surge (amplitude – 0,5 kV to 5 kV)	conform/not conform (A-D)
67.	GOST 33436.3-2 (IEC 62236-3-2)	Apparatus and equipment of railway rolling stock	26.30.10.000 27.90.70.000 28.99.39.190 30.20.40.000 30.99.10.000	8530 8607 8608	Radiated and conducted emissions in the frequency band 30 to 1000 MHz	Electromagnetic field strength – 0 to 160 dB (uV/m)
					Conducted industrial radio interference in the frequency band 150 kHz to 30 MHz	Voltage – 0 to 160 dB (uV)
					Immunity to conducted disturbances induced by radio-frequency electromagnetic fields in the frequency band 150 kHz to 80 MHz (RMS voltage – 1 V to 30 V)	conform/not conform (A-D)
					Immunity to electrical fast/burst (amplitude – 0,2 kV to 5,5 kV)	conform/not conform (A-D)
					Immunity to surge (amplitude – 0,5 kV to 5 kV)	conform/not conform (A-D)
					Immunity to radiated, radio-frequency electromagnetic field in the frequency bands 80 MHz to 1000 MHz and 1,4 GHz to 2,7 GHz (test field strength – 1 V/m to 30 V/m)	conform/not conform (A-D)
					Immunity to electrostatic discharge (discharge amplitude: air – 1 kV to 16,5 kV; contact – 1 kV to 10 kV)	conform/not conform (A-D)

68.	GOST CISPR 32 (CISPR 32)	Information technology equipment	26.20.00.000	8518	Radiated and conducted emissions in the frequency band 30 to 6 GHz	Electromagnetic field strength – 0 to 160 dB (uV/m)		
			26.30.10.000	8519				
			26.30.20.000	8521				
			26.30.30.000	8525				
			26.40.00.000	8527				
			27.51.20.000	8528				
			27.51.30.000	9006				
			27.90.10.000	9007				
			27.90.20.000	9008				
			27.90.70.000	9504				
32.20.10.000		Conducted industrial radio interference in the frequency band 150 kHz to 30 MHz	Voltage – 0 to 160 dB (uV); current – 0 to 160 dB (uA)					
69.	GOST IEC 61000-6-3 (IEC 61000-6-3)	Electrical, electronic and radioelectronic products and equipment	-	3900	Radiated and conducted emissions in the frequency band 30 to 6 GHz	Electromagnetic field strength – 0 to 160 dB (uV/m)		
				6300				
				8400				
				8500				
				8600				
				9000				
				9100				
				9200				
	9400	Conducted industrial radio interference in the frequency band 150 kHz to 30 MHz	Voltage – 0 to 160 dB (uV); current – 0 to 160 dB (uA)					
	9500	Harmonic components of the current consumed by technical means	Current consumption 40 mA to 140 A					
		Voltage fluctuations and flicker in general low-voltage power systems	Frequency band – 15 Hz to 3000 Hz; voltage – 10 V to 530 V					
70.	GOST R IEC 60601-2-2 (IEC 60601-2-2)	Apparatus for inhalation anesthesia, lung ventilation, aerosol therapy, compensation and treatment of oxygen deficiency	32.50.00.000	9018	Radiated and conducted emissions in the frequency band 150 kHz to 18 GHz	Voltage – 0 to 160 dB (uV); electromagnetic field strength – 0 to 160 dB (uV/m)		
				9022				
							Harmonic components of the current consumed by technical means	Current consumption 40 mA to 140 A
							Voltage fluctuations and flicker	Frequency band – 15 Hz to 3000 Hz; voltage – 10 V to 530 V
							Immunity to electrostatic discharge (discharge amplitude: air – 1 kV to 16,5 kV; contact – 1 kV to 10 kV)	conform/not conform (A-D)
		Immunity to radiated, radio-frequency electromagnetic field in the frequency band 80 MHz to 2500 MHz (test field strength – 1 V/m to 30 V/m)	conform/not conform (A-D)					

					Immunity to electrical fast/burst (amplitude – 0,2 kV to 5,5 kV)	conform/not conform (A-D)
					Immunity to surge (amplitude – 0,5 kV to 5 kV)	conform/not conform (A-D)
					Immunity to conducted disturbances induced by radio-frequency electromagnetic fields in the frequency band 150 kHz to 80 MHz (RMS voltage – 1 V to 30 V)	conform/not conform (A-D)
					Immunity to voltage dips, short interruptions and voltage variations of input power lines (power supply test voltage – 0 to 260 V; exposure duration – 0,5 to 250 periods)	conform/not conform (A-D)
					Power frequency magnetic field immunity (magnetic field strength – 1 A/m to 1000 A/m)	conform/not conform (A-D)
71.	GOST IEC 61000-6-5 (IEC 61000-6-5)	Electrical, electronic and radio-electronic product and equipment used in power plants and substations	27.12.31.000 26.30.00.000 26.51.43.000 26.51.44.000 26.51.45.000	8537 9028 9030 8525	Power frequency magnetic field immunity (magnetic field strength – 1 A/m to 1000 A/m)	conform/not conform (A-D)
					Immunity to radiated, radio-frequency electromagnetic field in the frequency band 80 MHz to 6 GHz (test field strength – 1 V/m to 30 V/m)	conform/not conform (A-D)
					Immunity to electrostatic discharge (discharge amplitude: air – 1 kV to 16,5 kV; contact – 1 kV to 10 kV)	conform/not conform (A-D)
					Immunity to electrical fast transients (bursts) (amplitude of voltage pulses – 0,2 kV to 5,5 kV)	conform/not conform (A-D)
					Surge immunity (amplitude of voltage pulses – 0,5 kV to 5 kV)	conform/not conform (A-D)
					Immunity to conducted disturbances induced by radio-frequency electromagnetic fields in the frequency band 150 kHz to 80 MHz (RMS voltage – 1 V to 35 V)	conform/not conform (A-D)
					Immunity to conducted disturbances induced by radio-frequency electromagnetic fields in the frequency band 0 to 150 kHz (test voltage when exposed to long-term interference - up to 35 V; short-term - up to 330 V)	conform/not conform (A-D)
					Immunity to oscillatory damping wave (amplitude of the first voltage pulse – 0,25 kV to 3 kV)	conform/not conform (A-D)
					Immunity to voltage dips / interruptions in power supply (power supply test voltage – 0 to 425 V; exposure duration – 0,5 to 1000 periods)	conform/not conform (A-D)

					Immunity to ripple on DC input power port (voltage ripple – up to 106 V)	conform/not conform (A-D)
					Immunity to voltage dips / interruptions at the DC power input port (power supply test voltage – 0 to 425 V)	conform/not conform (A-D)
72.	GOST 31818.11 (IEC 62052-11)	Electricity metering equipment	26.51.63.130	9028	Immunity to electrostatic discharge (discharge amplitude: air – 1 kV to 16,5 kV; contact – 1 kV to 10 kV)	conform/not conform (A-D)
					Immunity to radiated, radio-frequency electromagnetic field in the frequency band 80 MHz to 2000 MHz (test field strength – 1 V/m to 30 V/m)	conform/not conform (A-D)
					Immunity to electrical fast/burst (amplitude – 0,2 kV to 5,5 kV)	conform/not conform (A-D)
					Immunity to conducted disturbances induced by radio-frequency electromagnetic fields in the frequency band 150 kHz to 80 MHz (RMS voltage – 1 V to 35 V)	conform/not conform (A-D)
					Immunity to surge (amplitude – 0,5 kV to 5 kV)	conform/not conform (A-D)
					Immunity to oscillatory damping wave (test voltage – 0,25 to 6 kV)	conform/not conform (A-D)
					Radiated and conducted emissions in the frequency band 150 kHz to 18 GHz	Voltage – 0 to 160 dB (uV); electromagnetic field strength – 0 to 160 dB (uV/m)
620002, 28 Mira street, Ekaterinburg, Russia, room H-333, H-334, Mt-121						
73.	M.251.005/01.00258/2012 Technique for recording ¹³ C NMR spectra of solutions of solid and liquid substances and materials. Federal State Autonomous Educational Institution of Higher Professional Education “Ural Federal University named after the first President of Russia B.N. Yeltsin”	Organic matter	06.10.10 05.10.10 08.92.1 20.16.59 20.52.10.130 20.30.1 20.30.23.110 20.30.23.120 20.41.32.110 20.59.59.000 20.14.11 20.14.12	2900 3003 3004 3200 3300 3400 3500 3800 3900 4000	Relative chemical shift	¹³ C: (-20 – 250) ppm
74.	M.251.004/01.00258/2012 Technique for recording ¹ H NMR spectra of solutions of		20.14.19 20.14.2			¹ H: (-10 – 20) ppm

	solid and liquid substances and materials. Federal State Autonomous Educational Institution of Higher Professional Education "Ural Federal University named after the first President of Russia B.N. Yeltsin"		20.41.10 20.14.63.110 20.14.63.120 20.14.61.000 20.14.62.000 20.14.63.140 20.14.34 20.14.52.110 20.14.33.390 20.14.34.190 20.14.51.110 20.14.4 20.13.25.120 20.14.44.110 20.14.51.190 20.59.52.192 20.59.52.193 20.59.52.194 20.59.52.199 20.59.52.191			
75.	M.251.003/01.00258/2012 Method for identifying compounds by IR - spectroscopy. Federal State Autonomous Educational Institution of Higher Professional Education "Ural Federal University named after the first President of Russia B.N. Yeltsin"				Wavenumber	(4000– 500) cm ⁻¹
76.	M.251.001/01.00258/2012 Technique for recording IR - transmission spectra, ATR, reflection spectra of liquid and solid substances in the spectral range 4000 - 500 cm ⁻¹ with a spectral resolution of 0.5 cm ⁻¹ . Federal State Autonomous Educational Institution of Higher Professional Education "Ural Federal University named after the first President of Russia B.N. Yeltsin"		10 21.10			
77.	GOST 10006 (ISO 6892-84)	Metals and alloys for: tubing pipes and couplings for them; casing pipes and couplings to them; drill pipes with upset ends and couplings for them	24.20.13.110 24.20.12.130 24.20.12.110 24.20.32.000 24.52.20.000 24.20.13.140 24.20.13.110 24.20.13.190 24.20.13.130 24.20.35.000	-	Yield strength Temporary resistance Relative elongation after rupture Relative contraction after rupture	(50 - 2000) MPa (50 - 2000) MPa (1 – 500) % (0,1 – 99) %

			24.20.21.000 24.20.13.160 24.20.13.190			
78.	GOST 1497 (ISO 6892-84, ST SEV 471-88)	Metals and alloys for: sectional and shaped rolled products made of carbon steel of ordinary quality; rolled section, calibrated, with a special surface finish from high-quality carbon structural steel; rolled products from alloyed structural steel; rolled products from structural steel with high machinability; rolled products from spring carbon and alloy steel; rolled steel of increased strength; hot-rolled shaped, sheet, broad-band universal rolled products and bent profiles from carbon and low-alloy steel, intended for building welded structures with welded and other joints; low-alloy structural steel for bridge building	25.99.29.190	7211	Yield strength	(50 - 2000) MPa
			24.10.33.000 24.10.62.190 24.10.65 24.31 24.10.80.190 24.10.51 24.33.20.000 24.10.31.000 24.10.6	7213 7214 7216 7227 7215 7222 7228 7320 7208 7209 7211 7212 7301	Temporary resistance	(50 - 2000) MPa
					Relative elongation after rupture	(1 - 500) %
		Metals and alloys for: alloys copper-zinc (brass) foundry; tin foundry bronzes	24.45 24.44.2 24.44.26.110 24.44.22.110	8483 7403	Temporary resistance	(50 - 2000) MPa
					Relative elongation after rupture	(1 - 500) %
79.	GOST 9454	Metals and alloys for: sectional and shaped rolled products made of carbon steel of ordinary quality; rolled section, calibrated, with a special surface finish from high-quality carbon structural steel; high-strength rolled steel; hot-rolled shaped, sheet, wide-band universal steel	24.10.62.124 24.10.62.213 24.33.11.000 24.10.62 24.31 24.10.80.190 24.10.71.130 24.10.71.190 24.10.80 24.10.51 24.33.20.000	7211 7213 7214 7216 7227 7215 7222 7228 7320 7208 7301	Toughness	

		and bent profiles from carbon and low-alloy steel, intended for building welded structures with welded and other joints; low-alloy structural steel for bridge building; rolled products from alloyed structural steel; rolled products from structural steel with high machinability; drill pipes with upset ends and couplings for them	24.10.31.000			
--	--	---	--------------	--	--	--

Director of the Center of collective usage UrFU
 On the base of the power of attorney № 14-05/221 from 01.01.2021



V.S. Makarov

