

CEO (Deputy CEO) of
L.S. Federal Accreditation Service

signature

initials, surname

Schedule to Accreditation
Certificate

No. _____
dated _____ 20____
on 34 sheets, sheet 1

**Accreditation Scope of
the Test Facility of the Limited Liability Company PIROTEST Test Facility**

name of the test laboratory (facility)

**141321, Moscow Region, Sergiyev-Posadsky District, Krasnozavodsk, Rdultovskogo Square., bldg.1a, block No. 129,
block No. 137 – offices 89, 90, 91, 1(8), 92, 93, 94**

registered address

Item No.	Documents regulating the measurement (test) rules and procedures	Item Designation	OKPD 2	TN VED EAEU	Defined specification (parameter)	Defined range
1	2	3	4	5	6	7
1	GOST R 51271 p. 6.1	1 Entertaining Pyrotechnic goods, include: 1.1- Pyrotechnic goods (Household products safety class I) 1.2 - PG of potential hazard class II 2 Pyrotechnic initiators, include: 2.1- mechanical 2.2 - electrical 2.3 - thermal 3 Pyrotechnic thermite goods, quick and slow matches, include: 3.1- thermite items 3.2- quick and slow matches	20.51.12.110 20.51.12.160 20.51.13 20.51.14 20.51.20.110 20.51.20.120	3604100000 3604900000 3603009009	Flame size The radius of burning elements spray	0-5 m

		<p>3.3- electric matches</p> <p>4 Pyrotechnic goods for tourism, include heater units for people and food reheat units</p> <p>5 Automatic pyrotechnic equipment, include:</p> <p>5.1 - pyrotechnic power sources and sensors</p> <p>5.2- inhibiting items</p> <p>5.3 - explosive bolts, cutters and other actuating devices</p> <p>5.7- squibs</p> <p>7 Pyrotechnic goods and equipment for automatic fire extinguishing and fire alarm systems</p> <p>8 Pyrotechnic training simulants, training simulants and others, include:</p> <p>8.1 training simulants (cartridges, slabs)</p> <p>8.3 Panel game aids</p> <p>8.4 means for development of technical creativity</p> <p>8.5 pyrotechnic training simulants used in the film and video production</p> <p>8.7 Heater and reheat units (heaters)</p> <p>9 Pyrotechnic goods for industrial applications, include:</p> <p>9.2 welding, cutting, overlay welding</p> <p>9.4 cleaning agents</p> <p>9.5 delivery items (line-throwing gun)</p> <p>11 Smoke Pyrotechnic goods, include</p> <p>11.1- household products</p> <p>12 Fireworks, include:</p> <p>12.4- theatrics (special) Pyrotechnic goods</p> <p>12.5 Entertaining Pyrotechnic goods</p> <p>14 Environment impact pyrotechnic goods, include:</p> <p>14.3 Plant frost protection agents</p>				
2	GOST R 51271 p. 6.3	<p>1 Entertaining Pyrotechnic goods, include:</p> <p>1.1- Pyrotechnic goods (Household products safety class I)</p> <p>1.2 - PG of potential hazard class II</p> <p>2 Pyrotechnic initiators, include:</p> <p>2.1- mechanical</p> <p>2.2 - electrical</p> <p>2.3 - thermal</p> <p>3 Pyrotechnic thermite goods, quick and slow matches, include:</p> <p>3.1- thermite items</p> <p>3.2- quick and slow matches</p> <p>3.3- electric matches</p> <p>4 Pyrotechnic goods for tourism, include heater units for people and food reheat units</p>	20.51.12.160 20.51.13 20.51.14	3604100000 3604900000	Flame or product surface temperature	-60 - +850°C

		<p>5 Automatic pyrotechnic equipment, include: 5.1 - pyrotechnic power sources and sensors 5.2 - inhibiting items 5.3 - explosive bolts, cutters and other actuating devices 5.7- squibs 7 Pyrotechnic goods and equipment for automatic fire extinguishing and fire alarm systems 8 Pyrotechnic training simulants, training simulants and others, include: 8.1 training simulants (cartridges, slabs) 8.3 Panel game aids 8.4 means for development of technical creativity 8.5 pyrotechnic training simulants used in the film and video production 8.7 Heater and reheat units (heaters) 9 Pyrotechnic goods for industrial applications, include: 9.2 welding, cutting, overlay welding 9.4 cleaning agents 11 Smoke Pyrotechnic goods, include 11.1- household products 14 Environment impact pyrotechnic goods, include: 14.3 Plant frost protection agents</p>				
3	GOST R 51271 p. 6.8	<p>1 Entertaining Pyrotechnic goods, include: 1.1- Pyrotechnic goods (Household products safety class I) 1.2 - PG of potential hazard class II 2 Pyrotechnic initiators, include: 2.1- mechanical 2.2 - electrical 2.3 - thermal 4 Pyrotechnic goods for tourism, include heater units for people and food reheat units 5 Automatic pyrotechnic equipment, include: 5.1 - pyrotechnic power sources and sensors 5.2 - inhibiting items 5.3 - explosive bolts, cutters and other actuating devices 5.7- squibs 7 Pyrotechnic goods and equipment for automatic fire extinguishing and fire alarm systems 8 Pyrotechnic training simulants, training simulants and others, include: 8.1 - training simulants (cartridges, slabs) 8.3 - Panel game aids 8.4 - means for development of technical creativity</p>	<p>20.51.12.160 20.51.13 20.51.14 20.51.20.110 20.51.20.120</p>	<p>3604100000 3604900000 3603009009</p>	The radius of pyrotechnic elements (scabs) spray	0-5 m

		8.5 - pyrotechnic training simulants used in the film and video production 8.7 - Heater and reheat units (heaters) 11 Smoke Pyrotechnic goods, include 11.1 - household products 14 Environment impact pyrotechnic goods, include: 14.3 - Plant frost protection agents				
4	GOST R 51271 p. 6.12	1 Entertaining Pyrotechnic goods, include: 1.1- Pyrotechnic goods (Household products safety class I) 1.2 - PG of potential hazard class II 2 Pyrotechnic initiators, include: 2.1- mechanical 2.2 - electrical 2.3 - thermal 3 Pyrotechnic thermite goods, quick and slow matches, include: 3.1- thermite items 3.2- quick and slow matches 3.3- electric matches 4 Pyrotechnic goods for tourism, include heater units for people and food reheat units 5 Automatic pyrotechnic equipment, include: 5.1 - pyrotechnic power sources and sensors 5.2- inhibiting items 5.3 - explosive bolts, cutters and other actuating devices 5.7- squibs 7 Pyrotechnic goods and equipment for automatic fire extinguishing and fire alarm systems 8 Pyrotechnic training simulants, training simulants and others, include: 8.1 training simulants (cartridges, slabs) 8.3 Panel game aids 8.4 means for development of technical creativity 8.5 pyrotechnic training simulants used in the film and video production 8.7 Heater and reheat units (heaters) 9 Pyrotechnic goods for industrial applications, include: 9.2 welding, cutting, overlay welding 9.4 cleaning agents 11 Smoke Pyrotechnic goods, include 11.1- household products 12 Fireworks, include: 12.4- theatrics (special) Pyrotechnic goods 12.5 Entertaining Pyrotechnic goods	20.51.12.110 20.51.12.160 20.51.13 20.51.14 20.51.20.110 20.51.20.120	3604100000 3604900000 3603009009	Loudness (sound pressure) level.	0-145dBA

		14 Environment impact pyrotechnic goods, include: 14.3 Plant frost protection agents				
5	GOST R 51271 p. 6.13	1 Entertaining Pyrotechnic goods, include: 1.1- Pyrotechnic goods (Household products safety class I) 1.2 - PG of potential hazard class II, intended for indoor or in hands use without hazards other than flames and sparks	20.51.12.110 20.51.12.160 20.51.13 20.51.14 20.51.20.110 20.51.20.120	3604100000 3604900000 3603009009	Fire hazard assessment size of hazardous areas.	0-5 m
6	GOST R 51271 p. 6.20	1 Entertaining Pyrotechnic goods, include: 1.1- Pyrotechnic goods (Household products safety class I) 1.2 - PG of potential hazard class II-III 2 Pyrotechnic initiators, include: 2.1- mechanical 2.2 - electrical 2.3 - thermal 3 Pyrotechnic thermite goods, quick and slow matches, include: 3.1- thermite items 3.2- quick and slow matches 3.3- electric matches 4 Pyrotechnic goods for tourism, include heater units for people and food reheat units 6 Pyrotechnic illuminating and photoilluminating items 8 Pyrotechnic training simulants, training simulants and others, include: 8.1 training simulants (cartridges, slabs, battle-noise simulators) 8.2 training simulants, smoke apparatuses 8.3 Panel game aids 8.4 means for development of technical creativity 8.5 pyrotechnic training simulants used in the film and video production 8.6 antiseptics and insect control agents 8.7 Heater and reheat units (heaters) 10 Pyrotechnic signal devices, include: 10.1 general purpose (signals) 10.2 test signal cartridges 10.3 signal cartridges 10.4 signal devices and marine distress signals 10.5 signal devices and river distress signals 10.6 signal devices and small size vessel distress signals 10.7 security signal devices 11 Smoke Pyrotechnic goods, include 11.1- household products	20.51.13 20.51.14 20.51.20.110 20.51.20.120 17.21.1- 17.21.14	3604100000 3604900000	Resistance of industrial packaging to fire performance, temporal properties	-

		11.2 - land pots 11.3 - smoke launchers 11.4 industrial application 12 Fireworks, include: 12.1 - high-altitude 12.2 - park 12.3- experimental 12.4- theatrics (special) Pyrotechnic goods 12.5 Entertaining Pyrotechnic goods, include PG industrial application class IV				
7	GOST R 51271 p. 7.4	1 Entertaining Pyrotechnic goods, include: 1.1- Pyrotechnic goods (Household products safety class I) 1.2 - PG of potential hazard class II 2 Pyrotechnic initiators, include: 2.1- mechanical 2.2 - electrical 2.3 - thermal 3 Pyrotechnic thermite goods, quick and slow matches, include: 3.1- thermite items 3.2- quick and slow matches 3.3- electric matches 4 Pyrotechnic goods for tourism, include heater units for people and food reheat units 5 Automatic pyrotechnic equipment, include: 5.1 - pyrotechnic power sources and sensors 5.2- inhibiting items 5.3 - explosive bolts, cutters and other actuating devices 5.7- squibs 7 Pyrotechnic goods and equipment for automatic fire extinguishing and fire alarm systems 8 Pyrotechnic training simulants, training simulants and others, include: 8.1 training simulants (cartridges, slabs) 8.3 Panel game aids 8.4 means for development of technical creativity 8.5 pyrotechnic training simulants used in the film and video production 8.7 Heater and reheat units (heaters) 9 Pyrotechnic goods for industrial applications, include: 9.2 welding, cutting, overlay welding 9.4 cleaning agents 11 Smoke Pyrotechnic goods, include	20.51.12.110 20.51.12.160 20.51.13 20.51.14 20.51.20.110 20.51.20.120	3604100000 3604900000 3603009009	Temporal properties	0-99.9 hours

		<p>11.1- household products</p> <p>12 Fireworks, include:</p> <p>12.4- theatrics (special) Pyrotechnic goods</p> <p>12.5 Entertaining Pyrotechnic goods</p> <p>14 Environment impact pyrotechnic goods, include:</p> <p>14.3 Plant frost protection agents</p>				
8	GOST R 51271 p. 7.6	<p>1 Entertaining Pyrotechnic goods, include:</p> <p>1.1- Pyrotechnic goods (Household products safety class I)</p> <p>1.2 - PG of potential hazard class II-III</p> <p>2 Pyrotechnic initiators, include:</p> <p>2.1- mechanical</p> <p>2.2 - electrical</p> <p>2.3 - thermal</p> <p>3 Pyrotechnic thermite goods, quick and slow matches, include:</p> <p>3.1- thermite items</p> <p>3.2- quick and slow matches</p> <p>3.3- electric matches</p> <p>4 Pyrotechnic goods for tourism, include heater units for people and food reheat units</p> <p>5 Automatic pyrotechnic equipment, blinders and bridging/crossing means, include:</p> <p>5.1 - pyrotechnic power sources and sensors</p> <p>5.2- inhibiting items</p> <p>5.3 - explosive bolts, cutters and other actuating devices</p> <p>5.4 - cartridges for liquids extruding and powders spraying</p> <p>5.5 - radar blinders (infrared system, sensing systems, sonar apparatuses)</p> <p>5.6- means for bridging/crossing</p> <p>5.7- squibs</p> <p>6 Pyrotechnic illuminating and photoilluminating items</p> <p>7 Pyrotechnic goods and equipment for automatic fire extinguishing and fire alarm systems</p> <p>8 Pyrotechnic training simulants, training simulants and others, include:</p> <p>8.1 training simulants (cartridges, slabs, battle-noise simulators)</p> <p>8.2 training simulants, smoke apparatuses</p> <p>8.3 Panel game aids</p> <p>8.4 means for development of technical creativity</p> <p>8.5 pyrotechnic training simulants used in the film and video production</p> <p>8.6 antiseptics and insect control agents</p> <p>8.7 Heater and reheat units (heaters)</p> <p>9 Pyrotechnic goods for industrial applications, include:</p>	<p>20.51.12.110</p> <p>20.51.12.160</p> <p>20.51.13</p> <p>20.51.14</p> <p>20.51.20.110</p> <p>20.51.20.120</p>	<p>3604100000</p> <p>3604900000</p> <p>3603009009</p>	<p>Establishment (confirmation) and extension of shelf life (warranty period), ACT (accelerated climatic test).</p>	-

		<p>9.1 gas generating and effects on producing wells 9.2 welding, cutting, overlay welding 9.3 means for destruction (disposition) of various materials 9.4 cleaning agents 9.5 delivery items (line-throwing gun) 10 Pyrotechnic signal devices, include: 10.1 general purpose (signals) 10.2 test signal cartridges 10.3 signal cartridges 10.4 signal devices and marine distress signals 10.5 signal devices and river distress signals 10.6 signal devices and small size vessel distress signals 10.7 security signal devices 11 Smoke Pyrotechnic goods, include 11.1- household products 11.2 - land pots 11.3 - smoke launchers 11.4 industrial application 12 Fireworks, include: 12.1 - high-altitude 12.2 - park 12.3- experimental 12.4- theatrics (special) Pyrotechnic goods 12.5 Entertaining Pyrotechnic goods, include PG industrial application class IV 13 Pyrotechnic propellant charges, include: 13.1- for industrial engines 13.2 - propellant charges' cartridge igniter 14 Environment impact pyrotechnic goods, include: 14.1 Items for active influencing of atmospheric effects; 14.2 Antihail rockets; 14.3 Plant frost protection agents</p>				
9	GOST R 51271 p. 7.7	<p>1 Entertaining Pyrotechnic goods, include: 1.2 - PG of potential hazard class II-III 2 Pyrotechnic initiators, include: 2.1- mechanical 2.2 - electrical 2.3 - thermal 5 Automatic pyrotechnic equipment, blinders and bridging/crossing means, include:</p>	<p>20.51.12.160 20.51.13 20.51.14</p>	<p>3604100000 3604900000 3603009009</p>	<p>Failure actuation of the electric signal with the parameters controlling the firing circuit, the magnitude of the guaranteed actuating and non-operating current.</p>	0-20A

		<p>5.1 - pyrotechnic power sources and sensors</p> <p>5.2- inhibiting items</p> <p>7 Pyrotechnic goods and equipment for automatic fire extinguishing and fire alarm systems</p> <p>9 Pyrotechnic goods for industrial applications, include:</p> <p>9.4 cleaning agents</p>				
10	GOST R 51271-99 p. 8.1	<p>1 Entertaining Pyrotechnic goods, include:</p> <p>1.1- Pyrotechnic goods (Household products safety class I)</p> <p>1.2 - PG of potential hazard class II-III</p> <p>2 Pyrotechnic initiators, include:</p> <p>2.1- mechanical</p> <p>2.2 - electrical</p> <p>2.3 - thermal</p> <p>3 Pyrotechnic thermite goods, quick and slow matches, include:</p> <p>3.1- thermite items</p> <p>3.2- quick and slow matches</p> <p>3.3- electric matches</p> <p>4 Pyrotechnic goods for tourism, include heater units for people and food reheat units</p> <p>5 Automatic pyrotechnic equipment, blinders and bridging/crossing means, include:</p> <p>5.1 - pyrotechnic power sources and sensors</p> <p>5.2- inhibiting items</p> <p>5.3 - explosive bolts, cutters and other actuating devices</p> <p>5.4 - cartridges for liquids extruding and powders spraying</p> <p>5.5 - radar blinders (infrared systems, sensing systems, sonar apparatuses)</p> <p>5.6- means for bridging/crossing</p> <p>5.7- squibs</p> <p>6 Pyrotechnic illuminating and photoilluminating items</p> <p>7 Pyrotechnic goods and equipment for automatic fire extinguishing and fire alarm systems</p> <p>8 Pyrotechnic training simulants, training simulants and others, include:</p> <p>8.1 training simulants (cartridges, slabs, battle-noise simulators)</p> <p>8.2 training simulants, smoke apparatuses</p> <p>8.3 Panel game aids</p> <p>8.4 means for development of technical creativity</p> <p>8.5 pyrotechnic training simulants used in the film and video production</p> <p>8.6 antiseptics and insect control agents</p> <p>8.7 Heater and reheat units (heaters)</p> <p>9 Pyrotechnic goods for industrial applications, include:</p>	<p>20.51.12.110</p> <p>20.51.12.160</p> <p>20.51.13</p> <p>20.51.14</p> <p>20.51.20.110</p> <p>20.51.20.120</p>	<p>3604100000</p> <p>3604900000</p> <p>3603009009</p>	Resistance to loads external mechanical attack during transportation	0-166,6 m/sqr.sec

		<p>9.1 gas generating and effects on producing wells 9.2 welding, cutting, overlay welding 9.3 means for destruction (disposition) of various materials 9.4 cleaning agents 9.5 delivery items (line-throwing gun) 10 Pyrotechnic signal devices, include: 10.1 general purpose (signals) 10.2 test signal cartridges 10.3 signal cartridges 10.4 signal devices and marine distress signals 10.5 signal devices and river distress signals 10.6 signal devices and small size vessel distress signals 10.7 security signal devices 11 Smoke Pyrotechnic goods, include 11.1- household products 11.2 - land pots 11.3 - smoke launchers 11.4 industrial application 12 Fireworks, include: 12.1 - high-altitude 12.2 - park 12.3- experimental 12.4- theatrics (special) Pyrotechnic goods 12.5 Entertaining Pyrotechnic goods, include PG industrial application class IV 13 Pyrotechnic propellant charges, include: 13.1- for industrial engines 13.2 - propellant charges' cartridge igniter 14 Environment impact pyrotechnic goods, include: 14.1 Items for active influencing of atmospheric effects; 14.2 Antihail rockets; 14.3 Plant frost protection agents</p>				
11	<p>GOST R 51271 p. 8.2.3.1 GOST R 51271 p. 8.2.3.2</p>	<p>1 Entertaining Pyrotechnic goods, include: 1.1- Pyrotechnic goods (Household products safety class I) 1.2 - PG of potential hazard class II-III 2 Pyrotechnic initiators, include: 2.1- mechanical 2.2 - electrical 2.3 - thermal 3 Pyrotechnic thermite goods, quick and slow matches, include:</p>	<p>20.51.12.110 20.51.12.160 20.51.13 20.51.14 20.51.20.110 20.51.20.120</p>	<p>3604100000 3604900000 3603009009</p>	<p>Resistance to external climatic effects: heat resistance, cold resistance, thermal cycling resistance.</p>	<p>-70⁰C - +100⁰C</p>

	<p>3.1- thermite items</p> <p>3.2- quick and slow matches</p> <p>3.3- electric matches</p> <p>4 Pyrotechnic goods for tourism, include heater units for people and food reheat units</p> <p>5 Automatic pyrotechnic equipment, blinders and bridging/crossing means, include:</p> <p>5.1 - pyrotechnic power sources and sensors</p> <p>5.2- inhibiting items</p> <p>5.3 - explosive bolts, cutters and other actuating devices</p> <p>5.4 - cartridges for liquids extruding and powders spraying</p> <p>5.5 - radar blinders (infrared systems, sensing systems, sonar apparatuses)</p> <p>5.6- means for bridging/crossing</p> <p>5.7- squibs</p> <p>6 Pyrotechnic illuminating and photoilluminating items</p> <p>7 Pyrotechnic goods and equipment for automatic fire extinguishing and fire alarm systems</p> <p>8 Pyrotechnic training simulants, training simulants and others, include:</p> <p>8.1 training simulants (cartridges, slabs, battle-noise simulators)</p> <p>8.2 training simulants, smoke apparatuses</p> <p>8.3 Panel game aids</p> <p>8.4 means for development of technical creativity</p> <p>8.5 pyrotechnic training simulants used in the film and video production</p> <p>8.6 antiseptics and insect control agents</p> <p>8.7 Heater and reheat units (heaters)</p> <p>9 Pyrotechnic goods for industrial applications, include:</p> <p>9.1 gas generating and effects on producing wells</p> <p>9.2 welding, cutting, overlay welding</p> <p>9.3 means for destruction (disposition) of various materials</p> <p>9.4 cleaning agents</p> <p>9.5 delivery items (line-throwing gun)</p> <p>10 Pyrotechnic signal devices, include:</p> <p>10.1 general purpose (signals)</p> <p>10.2 test signal cartridges</p> <p>10.3 signal cartridges</p> <p>10.4 signal devices and marine distress signals</p> <p>10.5 signal devices and river distress signals</p> <p>10.6 signal devices and small size vessel distress signals</p> <p>10.7 security signal devices</p> <p>11 Smoke Pyrotechnic goods, include</p>				
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		11.1- household products 11.2 - land pots 11.3 - smoke launchers 11.4 industrial application 12 Fireworks, include: 12.1 - high-altitude 12.2 - park 12.3- experimental 12.4- theatrics (special) Pyrotechnic goods 12.5 Entertaining Pyrotechnic goods, include PG industrial application class IV 13 Pyrotechnic propellant charges, include: 13.1- for industrial engines 13.2 - propellant charges' cartridge igniter Environment impact pyrotechnic goods, include: 14.1 Items for active influencing of atmospheric effects; 14.2 Antihail rockets; 14.3 Plant frost protection agents				
12	GOST 25014 Method 1	15. Hazardous supplies packaging	20.51.12.110 20.51.12.160 20.51.13 20.51.14 20.51.20.110 20.51.20.120 17.21.1- 17.21.14	3604100000 3604900000 3603009009 3923100000 4415101000 4817300000 4819100000 4819200000	Mechanical stability: stacking strength	0-150 kg
13	GOST 25014 Method 2	15. Hazardous supplies packaging	20.51.12.110 20.51.12.160 20.51.13 20.51.14 20.51.20.110 20.51.20.120 17.21.1- 17.21.14	3604100000 3604900000 3603009009 3923100000 4415101000 4817300000 4819100000 4819200000	Mechanical stability: stacking strength	0-150 kg

41321, Moscow Region, Sergiyevo-Posadsky District, Krasnozavodsk, 8 Marta St., bldg.1

registered address

Item No.	Documents regulating the measurement (test) rules and procedures	Item Designation	OKPD 2	TN VED EAEU	Defined specification (parameter)	Defined range
1	2	3	4	5	6	7
1	GOST R 51271 p. 6.1	<p>1 Entertaining Pyrotechnic goods, include:</p> <p>1.1- Pyrotechnic goods (Household products safety class I)</p> <p>1.2 - PG of potential hazard class II-III</p> <p>2 Pyrotechnic initiators, include:</p> <p>2.1- mechanical</p> <p>2.2 - electrical</p> <p>2.3 - thermal</p> <p>3 Pyrotechnic thermite goods, quick and slow matches, include:</p> <p>3.1- thermite items</p> <p>3.2- quick and slow matches</p> <p>3.3- electric matches</p> <p>4 Pyrotechnic goods for tourism, include heater units for people and food reheat units</p> <p>5 Automatic pyrotechnic equipment, blinders and bridging/crossing means, include:</p> <p>5.3 - explosive bolts, cutters and other actuating devices</p> <p>5.5 - radar blinders (infrared systems, sensing systems, sonar apparatuses)</p> <p>5.6- means for bridging/crossing</p> <p>5.7- squibs</p> <p>6 Pyrotechnic illuminating and photoilluminating items</p> <p>7 Pyrotechnic goods and equipment for automatic fire extinguishing and fire alarm systems</p> <p>8 Pyrotechnic training simulants, training simulants and others, include:</p> <p>8.1 training simulants (cartridges, slabs, battle-noise simulators)</p> <p>8.2 training simulants, smoke apparatuses</p> <p>8.3 Panel game aids</p> <p>8.4 means for development of technical creativity</p> <p>8.5 pyrotechnic training simulants used in the film and video production</p> <p>8.6 antisepsis and insect control agents</p> <p>8.7 Heater and reheat units (heaters)</p> <p>9 Pyrotechnic goods for industrial applications, include:</p> <p>9.1 gas generating and effects on producing wells</p>	<p>20.51.12.110</p> <p>20.51.12.160</p> <p>20.51.13</p> <p>20.51.14</p> <p>20.51.20.110</p> <p>20.51.20.120</p>	<p>3604100000</p> <p>3604900000</p> <p>3603009009</p>	<p>Flame size</p> <p>The radius of burning elements spray</p>	<p>0-800 m</p>

	<p>9.2 welding, cutting, overlay welding</p> <p>9.3 means for destruction (disposition) of various materials</p> <p>9.4 cleaning agents</p> <p>9.5 delivery items (line-throwing gun)</p> <p>10 Pyrotechnic signal devices, include:</p> <p>10.1 general purpose (signals)</p> <p>10.2 test signal cartridges</p> <p>10.3 signal cartridges</p> <p>10.4 signal devices and marine distress signals</p> <p>10.5 signal devices and river distress signals</p> <p>10.6 signal devices and small size vessel distress signals</p> <p>10.7 security signal devices</p> <p>11 Smoke Pyrotechnic goods, include</p> <p>11.1- household products</p> <p>11.2 - land pots</p> <p>11.3 - smoke launchers</p> <p>11.4 industrial application</p> <p>12 Fireworks, include:</p> <p>12.1 - high-altitude</p> <p>12.2 - park</p> <p>12.3- experimental</p> <p>12.4- theatrics (special) Pyrotechnic goods</p> <p>12.5 Entertaining Pyrotechnic goods, include PG industrial application class IV</p> <p>13 Pyrotechnic propellant charges, include:</p> <p>13.1- for industrial engines</p> <p>13.2 - propellant charges' cartridge igniter</p> <p>14 Environment impact pyrotechnic goods, include:</p> <p>14.1 Items for active influencing of atmospheric effects;</p> <p>14.2 Antihail rockets;</p> <p>14.3 Plant frost protection agents</p>				
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2	GOST R 51271 p. 6.3	<p>1 Entertaining Pyrotechnic goods, include: 1.1- Pyrotechnic goods (Household products safety class I) 1.2 - PG of potential hazard class II-III 2 Pyrotechnic initiators, include: 2.1- mechanical 2.2 - electrical 2.3 - thermal 3 Pyrotechnic thermite goods, quick and slow matches, include: 3.1- thermite items 3.2- quick and slow matches 3.3- electric matches 4 Pyrotechnic goods for tourism, include heater units for people and food reheat units 5 Automatic pyrotechnic equipment, blinders and bridging/crossing means, include: 5.1 - pyrotechnic power sources and sensors 5.2- inhibiting items 5.3 - explosive bolts, cutters and other actuating devices 5.4 - cartridges for liquids extruding and powders spraying 5.5 - radar blinders (infrared systems, sensing systems, sonar apparatuses) 5.6- means for bridging/crossing 5.7- squibs 6 Pyrotechnic illuminating and photoilluminating items 7 Pyrotechnic goods and equipment for automatic fire extinguishing and fire alarm systems 8 Pyrotechnic training simulants, training simulants and others, include: 8.1 training simulants (cartridges, slabs, battle-noise simulators) 8.2 training simulants, smoke apparatuses 8.3 Panel game aids 8.4 means for development of technical creativity 8.5 pyrotechnic training simulants used in the film and video production 8.6 antiseptics and insect control agents 8.7 Heater and reheat units (heaters) 9 Pyrotechnic goods for industrial applications, include: 9.1 gas generating and effects on producing wells 9.2 welding, cutting, overlay welding 9.3 means for destruction (disposition) of various materials 9.4 cleaning agents 9.5 delivery items (line-throwing gun) 10 Pyrotechnic signal devices, include:</p>	20.51.12.160 20.51.13 20.51.14	3604100000 3604900000 3603009009	Flame or product surface temperature	-60 - +850°C
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		10.1 general purpose (signals) 10.2 test signal cartridges 10.3 signal cartridges 10.4 signal devices and marine distress signals 10.5 signal devices and river distress signals 10.6 signal devices and small size vessel distress signals 10.7 security signal devices 11 Smoke Pyrotechnic goods, include 11.1- household products 11.2 - land pots 11.3 - smoke launchers 11.4 industrial application 13 Pyrotechnic propellant charges, include: 13.1- for industrial engines 13.2 - propellant charges' cartridge igniter Environment impact pyrotechnic goods, include: 14.1 Items for active influencing of atmospheric effects; 14.2 Antihail rockets; 14.3 Plant frost protection agents				
3	GOST R 51271 p. 6.4	1 Entertaining Pyrotechnic goods, include: 1.2 - PG of potential hazard class II-III 5 Automatic pyrotechnic equipment, blinders and bridging/crossing means, include: 5.5 - radar blinders (infrared systems, sensing systems, sonar apparatuses) 5.6- means for bridging/crossing 6 Pyrotechnic illuminating and photoilluminating items 8 Pyrotechnic training simulants, training simulants and others, include: 8.1 training simulants (cartridges, slabs, battle-noise simulators) 8.2 training simulants, smoke apparatuses 8.3 Panel game aids 8.4 means for development of technical creativity 8.5 pyrotechnic training simulants used in the film and video production 9 Pyrotechnic goods for industrial applications, include: 9.1 gas generating and effects on producing wells 9.5 delivery items (line-throwing gun) 10 Pyrotechnic signal devices, include: 10.1 general purpose (signals) 10.3 signal cartridges	20.51.13 20.51.14	3604100000 3604900000 3603009009	Representative point of trajectory: rise altitude, burst altitude, final combustion altitude yaw from fire direction, the burst radius of PG elements.	0-800 m

		<p>10.4 signal devices and marine distress signals 10.5 signal devices and river distress signals 10.6 signal devices and small size vessel distress signals 12 Fireworks, include: 12.1 - high-altitude 12.2 - park 12.3- experimental 12.4- theatrics (special) Pyrotechnic goods 12.5 Entertaining Pyrotechnic goods, include PG industrial application class IV 13 Pyrotechnic propellant charges, include: 13.1- for industrial engines 13.2 - propellant charges' cartridge igniter 14 Environment impact pyrotechnic goods, include: 14.1 Items for active influencing of atmospheric effects; 14.2 Antihail rockets; 14.3 Plant frost protection agents</p>				
4	GOST R 51271 p.6.5	<p>1 Entertaining Pyrotechnic goods, include: 1.1- Pyrotechnic goods (Household products safety class I) 1.2 - PG of potential hazard class II-III 5 Automatic pyrotechnic equipment, blinders and bridging/crossing means, include: 5.5 - radar blinders (infrared systems, sensing systems, sonar apparatuses) 5.6- means for bridging/crossing 6 Pyrotechnic illuminating and photoilluminating items 8 Pyrotechnic training simulants, training simulants and others, include: 8.1 training simulants (cartridges, slabs, battle-noise simulators) 8.2 training simulants, smoke apparatuses 8.3 Panel game aids 8.4 means for development of technical creativity 8.5 pyrotechnic training simulants used in the film and video production 9 Pyrotechnic goods for industrial applications, include: 9.1 gas generating and effects on producing wells 9.5 delivery items (line-throwing gun) 10 Pyrotechnic signal devices, include: 10.1 general purpose (signals) 10.3 signal cartridges 10.4 signal devices and marine distress signals 10.5 signal devices and river distress signals 10.6 signal devices and small size vessel distress signals</p>	<p>20.51.13 20.51.14</p>	<p>3604100000 3604900000 3603009009</p>	<p>Representative point of trajectory: rise altitude, actuation (burst) altitude, final combustion altitude, yaw from fire direction, PG velocity, burst radius of PG elements, size of particulate (smoke) form.</p>	<p>0-800 m</p>

		<p>12 Fireworks, include: 12.1 - high-altitude 12.2 - park 12.3- experimental 12.4- theatrics (special) Pyrotechnic goods 12.5 Entertaining Pyrotechnic goods, include PG industrial application class IV</p> <p>13 Pyrotechnic propellant charges, include: 13.1- for industrial engines 13.2 - propellant charges' cartridge igniter</p> <p>14 Environment impact pyrotechnic goods, include: 14.1 Items for active influencing of atmospheric effects; 14.2 Antihail rockets; 14.3 Plant frost protection agents</p>				
5	GOST R 51271 p. 6.8	<p>1 Entertaining Pyrotechnic goods, include: 1.1- Pyrotechnic goods (Household products safety class I) 1.2 - PG of potential hazard class II-III</p> <p>2 Pyrotechnic initiators, include: 2.1- mechanical 2.2 - electrical 2.3 - thermal</p> <p>3 Pyrotechnic thermite goods, quick and slow matches, include: 3.1- thermite items 3.2- quick and slow matches 3.3- electric matches</p> <p>4 Pyrotechnic goods for tourism, include heater units for people and food reheat units</p> <p>5 Automatic pyrotechnic equipment, blinders and bridging/crossing means, include: 5.1 - pyrotechnic power sources and sensors 5.2- inhibiting items 5.3 - explosive bolts, cutters and other actuating devices 5.4 - cartridges for liquids extruding and powders spraying 5.5 - radar blinders (infrared systems, sensing systems, sonar apparatuses) 5.6- means for bridging/crossing 5.7- squibs</p> <p>6 Pyrotechnic illuminating and photoilluminating items</p> <p>8 Pyrotechnic training simulants, training simulants and others, include: 8.1 training simulants (cartridges, slabs, battle-noise simulators) 8.2 training simulants, smoke apparatuses</p>	20.51.12.160 20.51.13 20.51.14 20.51.20.110 20.51.20.120	3604100000 3604900000 3603009009	Burst radius of PG elements	0-100 m

		8.3 Panel game aids 8.4 means for development of technical creativity 8.5 pyrotechnic training simulants used in the film and video production 8.6 antiseptics and insect control agents 8.7 Heater and reheat units (heaters) 9 Pyrotechnic goods for industrial applications, include: 9.1 gas generating and effects on producing wells 9.2 welding, cutting, overlay welding 9.3 means for destruction (disposition) of various materials 9.4 cleaning agents 9.5 delivery items (line-throwing gun) 10 Pyrotechnic signal devices, include: 10.1 general purpose (signals) 10.2 test signal cartridges 10.3 signal cartridges 10.4 signal devices and marine distress signals 10.5 signal devices and river distress signals 10.6 signal devices and small size vessel distress signals 10.7 security signal devices 11 Smoke Pyrotechnic goods, include 11.1- household products 11.2 - land pots 11.3 - smoke launchers 11.4 industrial application 12 Fireworks, include: 12.1 - high-altitude 12.2 - park 12.3- experimental 12.4- theatrics (special) Pyrotechnic goods 12.5 Entertaining Pyrotechnic goods, include PG industrial application class IV 13 Pyrotechnic propellant charges, include: 13.1- for industrial engines 13.2 - propellant charges' cartridge igniter Environment impact pyrotechnic goods, include: 14.1 Items for active influencing of atmospheric effects; 14.2 Antihail rockets; 14.3 Plant frost protection agents				
6	GOST R 51271 p.6.9	1 Entertaining Pyrotechnic goods, include: 1.2 - PG of potential hazard class II-III	20.51.13 20.51.14	3604100000 3604900000	Burst radius of PG elements	0-800 m

	<p>4 Pyrotechnic goods for tourism, include heater units for people and food reheat units</p> <p>5 Automatic pyrotechnic equipment, blinders and bridging/crossing means, include:</p> <p>5.2- inhibiting items</p> <p>5.5 - radar blinders (infrared systems, sensing systems, sonar apparatuses)</p> <p>5.6- means for bridging/crossing</p> <p>6 Pyrotechnic illuminating and photoilluminating items</p> <p>8 Pyrotechnic training simulants, training simulants and others, include:</p> <p>8.3 Panel game aids</p> <p>8.4 means for development of technical creativity</p> <p>8.5 pyrotechnic training simulants used in the film and video production</p> <p>8.6 antisepsis and insect control agents</p> <p>10 Pyrotechnic signal devices, include:</p> <p>10.3 signal cartridges</p> <p>10.4 signal devices and marine distress signals</p> <p>10.5 signal devices and river distress signals</p> <p>10.6 signal devices and small size vessel distress signals</p> <p>10.7 security signal devices</p> <p>11 Smoke Pyrotechnic goods, include</p> <p>11.3 - smoke launchers</p> <p>11.4 industrial application</p> <p>12 Fireworks, include:</p> <p>12.1 - high-altitude</p> <p>12.2 - park</p> <p>12.3- experimental</p> <p>12.4- theatrics (special) Pyrotechnic goods</p> <p>12.5 Entertaining Pyrotechnic goods, include PG industrial application class IV</p> <p>13 Pyrotechnic propellant charges, include:</p> <p>13.1- for industrial engines</p> <p>14 Environment impact pyrotechnic goods, include:</p> <p>14.1 Items for active influencing of atmospheric effects;</p> <p>14.2 Antihail rockets;</p> <p>14.3 Plant frost protection agents</p>		3603009009		
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7	GOST R 51271 p. 6.12	<p>1 Entertaining Pyrotechnic goods, include: 1.1- Pyrotechnic goods (Household products safety class I) 1.2 - PG of potential hazard class II-III 2 Pyrotechnic initiators, include: 2.1- mechanical 2.2 - electrical 2.3 - thermal 3 Pyrotechnic thermite goods, quick and slow matches, include: 3.1- thermite items 3.2- quick and slow matches 3.3- electric matches 4 Pyrotechnic goods for tourism, include heater units for people and food reheat units 5 Automatic pyrotechnic equipment, blinders and bridging/crossing means, include: 5.1 - pyrotechnic power sources and sensors 5.2- inhibiting items 5.3 - explosive bolts, cutters and other actuating devices 5.4 - cartridges for liquids extruding and powders spraying 5.5 - radar blinders (infrared systems, sensing systems, sonar apparatuses) 5.6- means for bridging/crossing 5.7- squibs 6 Pyrotechnic illuminating and photoilluminating items 7 Pyrotechnic goods and equipment for automatic fire extinguishing and fire alarm systems 8 Pyrotechnic training simulants, training simulants and others, include: 8.1 training simulants (cartridges, slabs, battle-noise simulators) 8.2 training simulants, smoke apparatuses 8.3 Panel game aids 8.4 means for development of technical creativity 8.5 pyrotechnic training simulants used in the film and video production 8.6 antiseptics and insect control agents 8.7 Heater and reheat units (heaters) 9 Pyrotechnic goods for industrial applications, include: 9.1 gas generating and effects on producing wells 9.2 welding, cutting, overlay welding 9.3 means for destruction (disposition) of various materials 9.4 cleaning agents 9.5 delivery items (line-throwing gun) 10 Pyrotechnic signal devices, include:</p>	20.51.12.110 20.51.12.160 20.51.13 20.51.14 20.51.20.110 20.51.20.120	3604100000 3604900000 3603009009	Loudness (sound pressure) level.	0-145dBA
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		10.1 general purpose (signals) 10.2 test signal cartridges 10.3 signal cartridges 10.4 signal devices and marine distress signals 10.5 signal devices and river distress signals 10.6 signal devices and small size vessel distress signals 10.7 security signal devices 11 Smoke Pyrotechnic goods, include 11.1- household products 11.2 - land pots 11.3 - smoke launchers 11.4 industrial application 12 Fireworks, include: 12.1 - high-altitude 12.2 - park 12.3- experimental 12.4- theatrics (special) Pyrotechnic goods 12.5 Entertaining Pyrotechnic goods, include PG industrial application class IV 13 Pyrotechnic propellant charges, include: 13.1- for industrial engines 13.2 - propellant charges' cartridge igniter 14 Environment impact pyrotechnic goods, include: 14.1 Items for active influencing of atmospheric effects; 14.2 Antihail rockets; 14.3 Plant frost protection agents				
8	GOST R 51271 p. 6.13	1 Entertaining Pyrotechnic goods, include: 1.1- Pyrotechnic goods (Household products safety class I) 1.2 - PG of potential hazard class II-III	20.51.12.160 20.51.13 20.51.14 20.51.20.110 20.51.20.120	3604100000 3604900000 3603009009	Fire hazard assessment size of hazardous areas.	0-5 m
9	GOST R 51271 p. 6.14	1 Entertaining Pyrotechnic goods, include: 1.1- Pyrotechnic goods (Household products safety class I) 1.2 - PG of potential hazard class II-III 2 Pyrotechnic initiators, include: 2.1- mechanical 2.2 - electrical 2.3 - thermal	20.51.12.110 20.51.12.160 20.51.13 20.51.14 20.51.20.110 20.51.20.120 17.21.1-	3604100000 3604900000 3603009009 3923100000 4415101000 4817300000 4819100000	Fire hazard assessment size of hazardous areas, classification of dangerous goods according to GOST 19433, establishing the burning rate of PG.	0-400 m

	<p>3 Pyrotechnic thermite goods, quick and slow matches, include:</p> <p>3.1- thermite items</p> <p>3.2- quick and slow matches</p> <p>3.3- electric matches</p> <p>4 Pyrotechnic goods for tourism, include heater units for people and food reheat units</p> <p>5 Automatic pyrotechnic equipment, blinders and bridging/crossing means, include:</p> <p>5.1 - pyrotechnic power sources and sensors</p> <p>5.2- inhibiting items</p> <p>5.3 - explosive bolts, cutters and other actuating devices</p> <p>5.4 - cartridges for liquids extruding and powders spraying</p> <p>5.5 - radar blinders (infrared systems, sensing systems, sonar apparatuses)</p> <p>5.6- means for bridging/crossing</p> <p>5.7- squibs</p> <p>6 Pyrotechnic illuminating and photoilluminating items</p> <p>7 Pyrotechnic goods and equipment for automatic fire extinguishing and fire alarm systems</p> <p>8 Pyrotechnic training simulants, training simulants and others, include:</p> <p>8.1 training simulants (cartridges, slabs, battle-noise simulators)</p> <p>8.2 training simulants, smoke apparatuses</p> <p>8.3 Panel game aids</p> <p>8.4 means for development of technical creativity</p> <p>8.5 pyrotechnic training simulants used in the film and video production</p> <p>8.6 antiseptics and insect control agents</p> <p>8.7 Heater and reheat units (heaters)</p> <p>9 Pyrotechnic goods for industrial applications, include:</p> <p>9.1 gas generating and effects on producing wells</p> <p>9.2 welding, cutting, overlay welding</p> <p>9.3 means for destruction (disposition) of various materials</p> <p>9.4 cleaning agents</p> <p>9.5 delivery items (line-throwing gun)</p> <p>10 Pyrotechnic signal devices, include:</p> <p>10.1 general purpose (signals)</p> <p>10.2 test signal cartridges</p> <p>10.3 signal cartridges</p> <p>10.4 signal devices and marine distress signals</p> <p>10.5 signal devices and river distress signals</p> <p>10.6 signal devices and small size vessel distress signals</p> <p>10.7 security signal devices</p>	17.21.14	4819200000		
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		<p>11 Smoke Pyrotechnic goods, include</p> <p>11.1- household products</p> <p>11.2 - land pots</p> <p>11.3 - smoke launchers</p> <p>11.4 industrial application</p> <p>12 Fireworks, include:</p> <p>12.1 - high-altitude</p> <p>12.2 - park</p> <p>12.3- experimental</p> <p>12.4- theatrics (special) Pyrotechnic goods</p> <p>12.5 Entertaining Pyrotechnic goods, include PG industrial application class IV</p> <p>13 Pyrotechnic propellant charges, include:</p> <p>13.1- for industrial engines</p> <p>13.2 - propellant charges' cartridge igniter</p> <p>14 Environment impact pyrotechnic goods, include:</p> <p>14.1 Items for active influencing of atmospheric effects;</p> <p>14.2 Antihail rockets;</p> <p>14.3 Plant frost protection agents</p> <p>15. Hazardous supplies packaging</p>				
10	GOST R 51271 p. 6.15	<p>1 Entertaining Pyrotechnic goods, include:</p> <p>1.1- Pyrotechnic goods (Household products safety class I)</p> <p>1.2 - PG of potential hazard class II-III</p> <p>2 Pyrotechnic initiators, include:</p> <p>2.1- mechanical</p> <p>2.2 - electrical</p> <p>2.3 - thermal</p> <p>3 Pyrotechnic thermite goods, quick and slow matches, include:</p> <p>3.1- thermite items</p> <p>3.2- quick and slow matches</p> <p>3.3- electric matches</p> <p>4 Pyrotechnic goods for tourism, include heater units for people and food reheat units</p> <p>5 Automatic pyrotechnic equipment, blinders and bridging/crossing means, include:</p> <p>5.1 - pyrotechnic power sources and sensors</p>	<p>20.51.12.110</p> <p>20.51.12.160</p> <p>20.51.13</p> <p>20.51.14</p> <p>20.51.20.110</p> <p>20.51.20.120</p>	<p>3604100000</p> <p>3604900000</p> <p>3603009009</p>	Control of specific factors size of hazardous areas	-

	<p>5.2- inhibiting items</p> <p>5.3 - explosive bolts, cutters and other actuating devices</p> <p>5.4 - cartridges for liquids extruding and powders spraying</p> <p>5.5 - radar blinders (infrared systems, sensing systems, sonar apparatuses)</p> <p>5.6- means for bridging/crossing</p> <p>5.7- squibs</p> <p>6 Pyrotechnic illuminating and photoilluminating items</p> <p>7 Pyrotechnic goods and equipment for automatic fire extinguishing and fire alarm systems</p> <p>8 Pyrotechnic training simulants, training simulants and others, include:</p> <p>8.1 training simulants (cartridges, slabs, battle-noise simulators)</p> <p>8.2 training simulants, smoke apparatuses</p> <p>8.3 Panel game aids</p> <p>8.4 means for development of technical creativity</p> <p>8.5 pyrotechnic training simulants used in the film and video production</p> <p>8.6 antiseptics and insect control agents</p> <p>8.7 Heater and reheat units (heaters)</p> <p>9 Pyrotechnic goods for industrial applications, include:</p> <p>9.1 gas generating and effects on producing wells</p> <p>9.2 welding, cutting, overlay welding</p> <p>9.3 means for destruction (disposition) of various materials</p> <p>9.4 cleaning agents</p> <p>9.5 delivery items (line-throwing gun)</p> <p>10 Pyrotechnic signal devices, include:</p> <p>10.1 general purpose (signals)</p> <p>10.2 test signal cartridges</p> <p>10.3 signal cartridges</p> <p>10.4 signal devices and marine distress signals</p> <p>10.5 signal devices and river distress signals</p> <p>10.6 signal devices and small size vessel distress signals</p> <p>10.7 security signal devices</p> <p>11 Smoke Pyrotechnic goods, include</p> <p>11.1- household products</p> <p>11.2 - land pots</p> <p>11.3 - smoke launchers</p> <p>11.4 industrial application</p> <p>12 Fireworks, include:</p> <p>12.1 - high-altitude</p> <p>12.2 - park</p> <p>12.3- experimental</p>				
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		<p>12.4- theatrics (special) Pyrotechnic goods</p> <p>12.5 Entertaining Pyrotechnic goods, include PG industrial application class IV</p> <p>13 Pyrotechnic propellant charges, include:</p> <p>13.1- for industrial engines</p> <p>13.2 - propellant charges' cartridge igniter</p> <p>14 Environment impact pyrotechnic goods, include:</p> <p>14.1 Items for active influencing of atmospheric effects;</p> <p>14.2 Antihail rockets;</p> <p>14.3 Plant frost protection agents</p>				
11	GOST R 51271 p. 6.16	<p>1 Entertaining Pyrotechnic goods, include:</p> <p>1.1- Pyrotechnic goods (Household products safety class I)</p> <p>1.2 - PG of potential hazard class II-III</p> <p>2 Pyrotechnic initiators, include:</p> <p>2.1- mechanical</p> <p>2.2 - electrical</p> <p>2.3 - thermal</p> <p>3 Pyrotechnic thermite goods, quick and slow matches, include:</p> <p>3.1- thermite items</p> <p>3.2- quick and slow matches</p> <p>3.3- electric matches</p> <p>4 Pyrotechnic goods for tourism, include heater units for people and food reheat units</p> <p>5 Automatic pyrotechnic equipment, blinders and bridging/crossing means, include:</p> <p>5.1 - pyrotechnic power sources and sensors</p> <p>5.2- inhibiting items</p> <p>5.3 - explosive bolts, cutters and other actuating devices</p> <p>5.4 - cartridges for liquids extruding and powders spraying</p> <p>5.5 - radar blinders (infrared systems, sensing systems, sonar apparatuses)</p> <p>5.6- means for bridging/crossing</p> <p>5.7- squibs</p> <p>6 Pyrotechnic illuminating and photoilluminating items</p> <p>7 Pyrotechnic goods and equipment for automatic fire extinguishing and fire alarm systems</p> <p>8 Pyrotechnic training simulants, training simulants and others, include:</p> <p>8.1 training simulants (cartridges, slabs, battle-noise simulators)</p> <p>8.2 training simulants, smoke apparatuses</p> <p>8.3 Panel game aids</p> <p>8.4 means for development of technical creativity</p>	<p>20.51.12.110</p> <p>20.51.12.160</p> <p>20.51.13</p> <p>20.51.14</p> <p>20.51.20.110</p> <p>20.51.20.120</p>	<p>3604100000</p> <p>3604900000</p> <p>3603009009</p>	Evaluating the detonation pulse sensitivity.	-

	<p>8.5 pyrotechnic training simulants used in the film and video production</p> <p>8.6 antiseptics and insect control agents</p> <p>8.7 Heater and reheat units (heaters)</p> <p>9 Pyrotechnic goods for industrial applications, include:</p> <p>9.1 gas generating and effects on producing wells</p> <p>9.2 welding, cutting, overlay welding</p> <p>9.3 means for destruction (disposition) of various materials</p> <p>9.4 cleaning agents</p> <p>9.5 delivery items (line-throwing gun)</p> <p>10 Pyrotechnic signal devices, include:</p> <p>10.1 general purpose (signals)</p> <p>10.2 test signal cartridges</p> <p>10.3 signal cartridges</p> <p>10.4 signal devices and marine distress signals</p> <p>10.5 signal devices and river distress signals</p> <p>10.6 signal devices and small size vessel distress signals</p> <p>10.7 security signal devices</p> <p>11 Smoke Pyrotechnic goods, include</p> <p>11.1- household products</p> <p>11.2 - land pots</p> <p>11.3 - smoke launchers</p> <p>11.4 industrial application</p> <p>12 Fireworks, include:</p> <p>12.1 - high-altitude</p> <p>12.2 - park</p> <p>12.3- experimental</p> <p>12.4- theatrics (special) Pyrotechnic goods</p> <p>12.5 Entertaining Pyrotechnic goods, include PG industrial application class</p> <p>IV</p> <p>13 Pyrotechnic propellant charges, include:</p> <p>13.1- for industrial engines</p> <p>13.2 - propellant charges' cartridge igniter</p> <p>14 Environment impact pyrotechnic goods, include:</p> <p>14.1 Items for active influencing of atmospheric effects;</p> <p>14.2 Antihail rockets;</p> <p>14.3 Plant frost protection agents</p>				
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12	GOST R 51271 p. 6.18	<p>1 Entertaining Pyrotechnic goods, include: 1.1- Pyrotechnic goods (Household products safety class I) 1.2 - PG of potential hazard class II-III 2 Pyrotechnic initiators, include: 2.1- mechanical 2.2 - electrical 2.3 - thermal 3 Pyrotechnic thermite goods, quick and slow matches, include: 3.1- thermite items 3.2- quick and slow matches 3.3- electric matches 4 Pyrotechnic goods for tourism, include heater units for people and food reheat units 5 Automatic pyrotechnic equipment, blinders and bridging/crossing means, include: 5.1 - pyrotechnic power sources and sensors 5.2- inhibiting items 5.3 - explosive bolts, cutters and other actuating devices 5.4 - cartridges for liquids extruding and powders spraying 5.5 - radar blinders (infrared systems, sensing systems, sonar apparatuses) 5.6- means for bridging/crossing 5.7- squibs 6 Pyrotechnic illuminating and photoilluminating items 7 Pyrotechnic goods and equipment for automatic fire extinguishing and fire alarm systems 8 Pyrotechnic training simulants, training simulants and others, include: 8.1 training simulants (cartridges, slabs, battle-noise simulators) 8.2 training simulants, smoke apparatuses 8.3 Panel game aids 8.4 means for development of technical creativity 8.5 pyrotechnic training simulants used in the film and video production 8.6 antiseptics and insect control agents 8.7 Heater and reheat units (heaters) 9 Pyrotechnic goods for industrial applications, include: 9.1 gas generating and effects on producing wells 9.2 welding, cutting, overlay welding 9.3 means for destruction (disposition) of various materials 9.4 cleaning agents 9.5 delivery items (line-throwing gun) 10 Pyrotechnic signal devices, include:</p>	20.51.12.110 20.51.12.160 20.51.13 20.51.14 20.51.20.110 20.51.20.120	3604100000 3604900000 3603009009	Evaluating the power and thermal action of active product to passive.	-
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		10.1 general purpose (signals) 10.2 test signal cartridges 10.3 signal cartridges 10.4 signal devices and marine distress signals 10.5 signal devices and river distress signals 10.6 signal devices and small size vessel distress signals 10.7 security signal devices 11 Smoke Pyrotechnic goods, include 11.1- household products 11.2 - land pots 11.3 - smoke launchers 11.4 industrial application 12 Fireworks, include: 12.1 - high-altitude 12.2 - park 12.3- experimental 12.4- theatrics (special) Pyrotechnic goods 12.5 Entertaining Pyrotechnic goods, include PG industrial application class IV 13 Pyrotechnic propellant charges, include: 13.1- for industrial engines 13.2 - propellant charges' cartridge igniter 14 Environment impact pyrotechnic goods, include: 14.1 Items for active influencing of atmospheric effects; 14.2 Antihail rockets; 14.3 Plant frost protection agents				
13	GOST R 51271 p. 6.21	6 Pyrotechnic illuminating and photoilluminating items 8 Pyrotechnic training simulants, training simulants and others, include: 8.3 Panel game aids 8.4 means for development of technical creativity 8.5 pyrotechnic training simulants used in the film and video production 12 Fireworks, include: 12.1 - high-altitude 12.2 - park 12.3- experimental 12.4- theatrics (special) Pyrotechnic goods 12.5 Entertaining Pyrotechnic goods, include PG industrial application class IV	20.51.13 20.51.14	3604100000 3604900000 3603009009	Pressure levels and temporal properties.	0-6895 KPa

14	GOST R 51271 p. 7.4	<p>1 Entertaining Pyrotechnic goods, include: 1.1- Pyrotechnic goods (Household products safety class I) 1.2 - PG of potential hazard class II-III 2 Pyrotechnic initiators, include: 2.1- mechanical 2.2 - electrical 2.3 - thermal 3 Pyrotechnic thermite goods, quick and slow matches, include: 3.1- thermite items 3.2- quick and slow matches 3.3- electric matches 4 Pyrotechnic goods for tourism, include heater units for people and food reheat units 5 Automatic pyrotechnic equipment, blinders and bridging/crossing means, include: 5.1 - pyrotechnic power sources and sensors 5.2- inhibiting items 5.3 - explosive bolts, cutters and other actuating devices 5.4 - cartridges for liquids extruding and powders spraying 5.5 - radar blinders (infrared systems, sensing systems, sonar apparatuses) 5.6- means for bridging/crossing 5.7- squibs 6 Pyrotechnic illuminating and photoilluminating items 7 Pyrotechnic goods and equipment for automatic fire extinguishing and fire alarm systems 8 Pyrotechnic training simulants, training simulants and others, include: 8.1 training simulants (cartridges, slabs, battle-noise simulators) 8.2 training simulants, smoke apparatuses 8.3 Panel game aids 8.4 means for development of technical creativity 8.5 pyrotechnic training simulants used in the film and video production 8.6 antiseptics and insect control agents 8.7 Heater and reheat units (heaters) 9 Pyrotechnic goods for industrial applications, include: 9.1 gas generating and effects on producing wells 9.2 welding, cutting, overlay welding 9.3 means for destruction (disposition) of various materials 9.4 cleaning agents 9.5 delivery items (line-throwing gun) 10 Pyrotechnic signal devices, include:</p>	20.51.12.110 20.51.12.160 20.51.13 20.51.14 20.51.20.110 20.51.20.120	3604100000 3604900000 3603009009	Temporal properties.	0-99.9 hours
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		10.1 general purpose (signals) 10.2 test signal cartridges 10.3 signal cartridges 10.4 signal devices and marine distress signals 10.5 signal devices and river distress signals 10.6 signal devices and small size vessel distress signals 10.7 security signal devices 11 Smoke Pyrotechnic goods, include 11.1- household products 11.2 - land pots 11.3 - smoke launchers 11.4 industrial application 12 Fireworks, include: 12.1 - high-altitude 12.2 - park 12.3- experimental 12.4- theatrics (special) Pyrotechnic goods 12.5 Entertaining Pyrotechnic goods, include PG industrial application class IV 13 Pyrotechnic propellant charges, include: 13.1- for industrial engines 13.2 - propellant charges' cartridge igniter 14 Environment impact pyrotechnic goods, include: 14.1 Items for active influencing of atmospheric effects; 14.2 Antihail rockets; 14.3 Plant frost protection agents				
15	GOST R 51271 p. 7.7	1 Entertaining Pyrotechnic goods, include: 1.2 - PG of potential hazard class II-III 2 Pyrotechnic initiators, include: 2.1- mechanical 2.2 - electrical 2.3 - thermal 5 Automatic pyrotechnic equipment, blinders and bridging/crossing means, include: 5.1 - pyrotechnic power sources and sensors 5.2- inhibiting items 7 Pyrotechnic goods and equipment for automatic fire extinguishing and fire alarm systems 9 Pyrotechnic goods for industrial applications, include: 9.3 means for destruction (disposition) of various materials	20.51.12.160 20.51.13 20.51.14	3604100000 3604900000 3603009009	Failure actuation of the electric signal with the parameters controlling the firing circuit, the magnitude of the guaranteed actuating and non-operating current.	0-20A

		<p>9.4 cleaning agents</p> <p>10 Pyrotechnic signal devices, include:</p> <p>10.7 security signal devices</p> <p>11 Smoke Pyrotechnic goods, include</p> <p>11.3 - smoke launchers</p> <p>11.4 industrial application</p> <p>12 Fireworks, include:</p> <p>12.1 - high-altitude</p> <p>12.2 - park</p> <p>12.3- experimental</p> <p>12.4- theatrics (special) Pyrotechnic goods</p> <p>12.5 Entertaining Pyrotechnic goods, include PG industrial application class IV</p> <p>13 Pyrotechnic propellant charges, include:</p> <p>13.2 - propellant charges' cartridge igniter</p>				
16	GOST R 51271 p. 8.3	<p>1 Entertaining Pyrotechnic goods, include:</p> <p>1.1- Pyrotechnic goods (Household products safety class I)</p> <p>1.2 - PG of potential hazard class II-III</p> <p>2 Pyrotechnic initiators, include:</p> <p>2.1- mechanical</p> <p>2.2 - electrical</p> <p>2.3 - thermal</p> <p>3 Pyrotechnic thermite goods, quick and slow matches, include:</p> <p>3.1- thermite items</p> <p>3.2- quick and slow matches</p> <p>3.3- electric matches</p> <p>4 Pyrotechnic goods for tourism, include heater units for people and food reheat units</p> <p>5 Automatic pyrotechnic equipment, blinders and bridging/crossing means, include:</p> <p>5.1 - pyrotechnic power sources and sensors</p> <p>5.2- inhibiting items</p> <p>5.3 - explosive bolts, cutters and other actuating devices</p> <p>5.4 - cartridges for liquids extruding and powders spraying</p> <p>5.5 - radar blinders (infrared systems, sensing systems, sonar apparatuses)</p> <p>5.6- means for bridging/crossing</p> <p>5.7- squibs</p> <p>6 Pyrotechnic illuminating and photoilluminating items</p> <p>7 Pyrotechnic goods and equipment for automatic fire extinguishing and fire alarm systems</p>	<p>20.51.12.110</p> <p>20.51.12.160</p> <p>20.51.13</p> <p>20.51.14</p> <p>20.51.20.110</p> <p>20.51.20.120</p>	<p>3604100000</p> <p>3604900000</p> <p>3603009009</p>	Resistance to external mechanical attack: free-fall impact.	0-17.9 m

		<p>8 Pyrotechnic training simulants, training simulants and others, include:</p> <p>8.1 training simulants (cartridges, slabs, battle-noise simulators)</p> <p>8.2 training simulants, smoke apparatuses</p> <p>8.3 Panel game aids</p> <p>8.4 means for development of technical creativity</p> <p>8.5 pyrotechnic training simulants used in the film and video production</p> <p>8.6 antiseptics and insect control agents</p> <p>8.7 Heater and reheat units (heaters)</p> <p>9 Pyrotechnic goods for industrial applications, include:</p> <p>9.1 gas generating and effects on producing wells</p> <p>9.2 welding, cutting, overlay welding</p> <p>9.3 means for destruction (disposition) of various materials</p> <p>9.4 cleaning agents</p> <p>9.5 delivery items (line-throwing gun)</p> <p>10 Pyrotechnic signal devices, include:</p> <p>10.1 general purpose (signals)</p> <p>10.2 test signal cartridges</p> <p>10.3 signal cartridges</p> <p>10.4 signal devices and marine distress signals</p> <p>10.5 signal devices and river distress signals</p> <p>10.6 signal devices and small size vessel distress signals</p> <p>10.7 security signal devices</p> <p>11 Smoke Pyrotechnic goods, include</p> <p>11.1- household products</p> <p>11.2 - land pots</p> <p>11.3 - smoke launchers</p> <p>11.4 industrial application</p> <p>12 Fireworks, include:</p> <p>12.1 - high-altitude</p> <p>12.2 - park</p> <p>12.3- experimental</p> <p>12.4- theatrics (special) Pyrotechnic goods</p> <p>12.5 Entertaining Pyrotechnic goods, include PG industrial application class IV</p> <p>Propellant charges' cartridge igniter</p> <p>13 Pyrotechnic propellant charges, include:</p> <p>13.1- for industrial engines</p> <p>13.2 - propellant charges' cartridge igniter</p> <p>Environment impact pyrotechnic goods, include:</p> <p>14.1 Items for active influencing of atmospheric effects;</p>				
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		14.2 Antihail rockets; 14.3 Plant frost protection agents 15. Hazardous supplies packaging				
17	GOST 25014 Method 1	15. Hazardous supplies packaging	20.51.12.110 20.51.12.160 20.51.13 20.51.14 20.51.20.110 20.51.20.120 17.21.1- 17.21.14	3604100000 3604900000 36030090093 923100000 4415101000 4817300000 4819100000 4819200000	Mechanical stability: stacking strength	0-150 kg
18	GOST 25014 Method 2	15. Hazardous supplies packaging	20.51.12.110 20.51.12.160 20.51.13 20.51.14 20.51.20.110 20.51.20.120 17.21.1- 17.21.14	3604100000 3604900000 3603009009 3923100000 4415101000 4817300000 4819100000 4819200000	Mechanical stability: stacking strength	0-150 kg

The Director General of PIROTEST Test Facility LLC _____ A.E. Prokhorovskii

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