

LIST OF METHODS AND STANDARDS USED BY THE "LABORATORY FOR TESTING EXPLOSION-PROOF EQUIPMENT"

I. HARMONIZED BULGARIAN STATE STANDARDS

1. EN 1127-1:2011 Explosive atmospheres - Explosion prevention and protection - Part 1: Basic concepts and methodology.
2. EN 1755:2015 Industrial Trucks - Safety requirements and verification - Supplementary requirements for operation in potentially explosive atmospheres.
3. 1834-1:2000 Reciprocating internal combustion engines - Safety requirements for design and construction of engines for use in potentially explosive atmospheres - Part 1: Group II engines for use in flammable gas and vapour atmospheres
4. EN 1834-2:2000 Reciprocating internal combustion engines - Safety requirements for design and construction of engines for use in potentially explosive atmospheres - Part 2: Group I engines for use in underground workings susceptible to firedamp and/or combustible dust.
5. EN 13463-1:2009 Non-electrical equipment for potentially explosive atmospheres - Part 1: Basic method and requirements.
6. EN 13463-2:2004 Non-electrical equipment for use in potentially explosive atmospheres - Part 2: Protection by flow restricting enclosure "fr".
7. EN 13463-3:2005 Non-electrical equipment for use in potentially explosive atmospheres - Part 3: Protection by flameproof enclosure "d".
8. EN 13463-5:2011 Non-electrical equipment intended for use in potentially explosive atmospheres - Part 5: Protection by constructional safety "c".
9. EN 13463-6:2005 Non-electrical equipment for use in potentially explosive atmospheres - Part 6: Protection by control of ignition source "b".
10. EN 13463-8:2003 Non-electrical equipment for potentially explosive atmospheres - Part 8: Protection by liquid immersion "k".
11. EN 13617-1:2012 Petrol filling stations - Part 1: Safety requirements for construction and performance of metering pumps, dispensers and remote pumping units.
12. EN 13760:2003 Automotive LPG filling system for light and heavy duty vehicles - Nozzle, test requirements and dimensions.

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| 13. | EN 14678-1:2013 | LPG equipment and accessories - Construction and performance of LPG equipment for automotive filling stations - Part 2: Components other than dispensers and installation requirements |
| 14. | EN ISO 16852:2010 | Flame arresters - Performance requirements, test methods and limits for use. |
| 15. | EN 60079-0:2012 | Explosive atmospheres - Part 0: Equipment - General requirements. |
| 16. | EN 60079-1:2014 | Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d". |
| 17. | EN 60079-2:2007 | Explosive atmospheres - Part 2: Equipment protection by pressurized enclosure "p". |
| 18. | EN 60079-6:2007 | Explosive atmospheres - Part 6: Equipment protection by liquid immersion "o". |
| 19. | EN 60079-7:2015 | Explosive atmospheres - Part 7: Equipment protection by increased safety "e". |
| 20. | EN 60079-11:2012 | Explosive atmospheres - Part 11: Equipment protection by intrinsic safety "i". |
| 21. | EN 60079-15:2010 | Explosive atmospheres - Part 15: Equipment protection by type of protection "n". |
| 22. | EN 60079-18:2015 | Explosive atmospheres - Part 18: Equipment protection by encapsulation "m". |
| 23. | EN 60079-26:2007 | Explosive atmospheres - Part 26: Equipment with Equipment Protection Level (EPL) Ga. |
| 24. | EN 60079-29-4:2010 | Explosive atmospheres - Part 29-4: Gas detectors - Performance requirements of open path detectors for flammable gases. |
| 25. | EN 60079-31:2014 | Explosive atmospheres - Part 31: Equipment dust ignition protection by enclosure "t". |
| 26. | БДС EN ISO 80079-34:2011 | Explosive atmospheres - Part 34: Application of quality systems for equipment manufacture. |
| 27. | БДС EN 60529:1991/A2:2013 | Degrees of protection provided by enclosures (IP Code) |
| 28. | БДС EN 50303:2000 | Group I, Category M1 equipment intended to remain functional in atmospheres endangered by firedamp and/or coal dust. |

II BULGARIAN STATE STANDARDS

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| 1. | БДС 6403-83 | Explosion-proof electrical equipment. General technical requirements |
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