

**THE DEPARTMENT FOR BUSINESS, ENERGY & INDUSTRIAL STRATEGY**  
**NOTICE OF PUBLICATION**  
**0069/22**  
**of 26 October 2022**

**of references to standards for equipment and protective systems intended for use in potentially explosive atmospheres in support of the Equipment and Protective Systems Intended for Use in Potentially Explosive Atmospheres Regulations 2016 (S.I. 2016/1107)**

This notice confirms that:

- (a) The reference to the standard listed in Part 1 of Annex I to this notice is published for the purposes of regulation 2A of S.I. 2016/1107 and accordingly are designated pursuant to that regulation in relation to England and Wales and Scotland. The list of published standards set out in Annex I to notice 0044/21 is amended in accordance with Annex I from the date of this notice. For clarity, Annex I to this notice also sets out the complete list of references of standards which have been published and accordingly designated for the purposes of 2016/1107 as at the date of this notice.
  
- (b) The references to standards listed in Annex II to this notice (which have previously been published for the purposes of regulation 2A of S.I. 2016/1107), will be removed from publication from the date set out in that Annex. Accordingly, each of these standards will not be designated, or give rise to any presumption of conformity, on or after the date set out in respect of it. The list of references to be removed from publication, set out in Annex II to notice 0044/21, is amended in accordance with Annex II to this notice from the date of this notice. For clarity, Part 2 of Annex II to this notice sets out the complete list of references to standards which, as at the date of this notice, are due to be removed from publication.

## ANNEX I

## Part 1

The list of published standards as set out in Annex I to notice 0044/21 is amended as follows:

(1) the following row 15a is inserted after row 15:

|      |   |
|------|---|
| 15a. | EN 13012:2021<br>Petrol filling stations – Construction and performance of automatic nozzles for use on fuel dispensers |
|------|---|

(2) the following row 18a is inserted after row 18:

|      |  |
|------|--|
| 18a. | EN 13617-1:2021<br>Petrol filling stations – Part 1: Safety requirements for construction and performance of metering pumps, dispensers and remote pumping units |
|------|--|

(3) the following row 19a is inserted after row 19:

|      |   |
|------|---|
| 19a. | EN 13617-2:2021<br>Petrol filling stations – Part 2: Safety requirements for construction and performance of safe breaks for use on metering pumps and dispensers |
|------|---|

(4) the following row 20a is inserted after row 20:

|      |   |
|------|---|
| 20a. | EN 13617-3:2021<br>Petrol filling stations – Part 3: Safety requirements for construction and performance of shear valves |
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(5) the following row 21a is inserted after row 21:

|      |   |
|------|---|
| 21a. | EN 13617-4:2021<br>Petrol filling stations – Part 4: Safety requirements for construction and performance of swivels for use on metering pumps and dispensers |
|------|---|

(6) the following row 22a is inserted after row 22:

|      |   |
|------|---|
| 22a. | EN 13760:2021<br>LPG equipment and accessories – Automotive LPG filling system for light and heavy duty vehicles – Nozzle, test requirements and dimensions |
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(7) the following row 28a is inserted after row 28:

|      |  |
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| 28a. | EN 14373:2021<br>Explosion suppression systems |
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(8) row 94 is replaced by the following:

|     |  |
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| 94. | EN ISO/IEC 80079-34:2020<br>Explosive atmospheres - Part 34: Application of quality systems for ex product manufacture (ISO/IEC 80079-34:2018) |
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(9) the following row is added:

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| 95. | <p>EN 13852-3:2021<br/>Offshore cranes – Part 3: Light offshore cranes</p> <p><i>Notice 1:</i> The normative references referred to in clause 2 of designated standard EN IEC 60079-0:2018 shall be read as EN IEC 60079-0:2018 corrected by EN IEC 60079-0:2018/AC:2020-02</p> <p><i>Notice 2:</i> The normative references referred to in clause 2 of designated standard EN ISO 80079-36:2016 shall be read as EN ISO 80079-36:2016 corrected by EN ISO 80079-36:2016/AC:2019</p> <p><i>Restriction:</i> this publication does not cover the following part of the standard:<br/>column “Remarks/Notes” of Table ZB.1’</p> |
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## Part 2

List of references of standards which have been published and accordingly designated for the purposes of S.I. 2016/1107 as at the date of this notice:

| No | Reference of standard   |
|----|---|
| 1. | <p>EN 1010-1:2004+A1:2010<br/>Safety of machinery - Safety requirements for the design and construction of printing and paper converting machines - Part 1: Common requirements</p>   |
| 2. | <p>EN 1010-2:2006+A1:2010<br/>Safety of machinery - Safety requirements for the design and construction of printing and paper converting machines - Part 2: Printing and varnishing machines including pre-press machinery</p>  |
| 3. |   |
| 4. | <p>EN 1127-1:2019<br/>Explosive atmospheres - Explosion prevention and protection - Part 1: Basic concepts and methodology</p>  |
| 5. | <p>EN 1127-2:2014<br/>Explosive atmospheres - Explosion prevention and protection - Part 2: Basic concepts and methodology for mining</p>   |
| 6. | <p>EN 1755:2015<br/>Industrial Trucks - Safety requirements and verification - Supplementary requirements for operation in potentially explosive atmospheres</p>  |
| 7. | <p>EN 1834-1:2000<br/>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</p>                                |
| 8. | <p>EN 1834-2:2000<br/>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</p> |
| 9. | <p>EN 1834-3:2000<br/>Reciprocating internal combustion engines - Safety requirements for design and construction of engines for use in potentially explosive atmospheres - Part 3: Group II engines for use in flammable dust atmospheres</p>  |

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|------|---|
| 10.  | EN 1839:2017<br>Determination of the explosion limits and the limiting oxygen concentration(LOC) for flammable gases and vapours  |
| 11.  | EN 1953:2013<br>Atomising and spraying equipment for coating materials - Safety requirements  |
| 12.  | EN 12581:2005+A1:2010<br>Coating plants - Machinery for dip coating and electrodeposition of organic liquid coating material - Safety requirements  |
| 13.  | EN 12621:2006+A1:2010<br>Machinery for the supply and circulation of coating materials under pressure - Safety requirements   |
| 14.  | EN 12757-1:2005+A1:2010<br>Mixing machinery for coating materials - Safety requirements - Part 1: Mixing machinery for use in vehicle refinishing   |
| 15.  | EN 13012:2012<br>Petrol filling stations - Construction and performance of automatic nozzles for use on fuel dispensers<br><i>Notice: Subject to Annex II to this notice 0069/22</i>  |
| 15a. | EN 13012:2021<br>Petrol filling stations – Construction and performance of automatic nozzles for use on fuel dispensers   |
| 16.  | EN 13237:2012<br>Potentially explosive atmospheres - Terms and definitions for equipment and protective systems intended for use in potentially explosive atmospheres   |
| 17.  | EN 13616-1:2016<br>Overfill prevention devices for static tanks for liquid fuels - Part 1: Overfill prevention devices with closure device  |
| 18.  | EN 13617-1:2012<br>Petrol filling stations - Part 1: Safety requirements for construction and performance of metering pumps, dispensers and remote pumping units<br><i>Notice: Subject to Annex II to this notice 0069/22</i> |
| 18a. | EN 13617-1:2021<br>Petrol filling stations – Part 1: Safety requirements for construction and performance of metering pumps, dispensers and remote pumping units  |
| 19.  | EN 13617-2:2012<br>Petrol filling stations - Part 2: Safety requirements for construction and performance of safe breaks for use on metering pumps and dispensers   |
| 20.  | EN 13617-3:2012<br>Petrol filling stations - Part 3: Safety requirements for construction and performance of shear valves<br><i>Notice: Subject to Annex II to this notice 0069/22</i>  |
| 20a. | EN 13617-3:2021<br>Petrol filling stations – Part 3: Safety requirements for construction and performance of shear valves   |
| 21.  | EN 13617-4:2012<br>Petrol filling stations - Part 4: Safety requirements for construction and performance of swivels for use on metering pumps and dispensers<br><i>Notice: Subject to Annex II to this notice 0069/22</i>    |
| 21a. | EN 13617-4:2021<br>Petrol filling stations – Part 4: Safety requirements for construction and performance of swivels for use on metering pumps and dispensers   |

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| 22.  | EN 13760:2003<br>Automotive LPG filling system for light and heavy duty vehicles - Nozzle, test requirements and dimensions<br><i>Notice:</i> Subject to Annex II to this notice 0069/22   |
| 22a. | EN 13760:2021<br>LPG equipment and accessories – Automotive LPG filling system for light and heavy duty vehicles – Nozzle, test requirements and dimensions                                |
| 23.  | EN 13852-1:2013<br>Cranes - Offshore cranes - Part 1: General-purpose offshore cranes  |
| 24.  | EN 14034-1:2004+A1:2011<br>Determination of explosion characteristics of dust clouds - Part 1: Determination of the maximum explosion pressure $p_{max}$ of dust clouds                    |
| 25.  | EN 14034-2:2006+A1:2011<br>Determination of explosion characteristics of dust clouds - Part 2: Determination of the maximum rate of explosion pressure rise $(dp/dt)_{max}$ of dust clouds |
| 26.  | EN 14034-3:2006+A1:2011<br>Determination of explosion characteristics of dust clouds - Part 3: Determination of the lower explosion limit LEL of dust clouds                               |
| 27.  | EN 14034-4:2004+A1:2011<br>Determination of explosion characteristics of dust clouds - Part 4: Determination of the limiting oxygen concentration LOC of dust clouds                       |
| 28.  | EN 14373:2005<br>Explosion suppression systems<br><i>Notice:</i> Subject to Annex II to this notice 0069/22  |
| 28a. | EN 14373:2021<br>Explosion suppression systems   |
| 29.  | EN 14460:2018<br>Explosion resistant equipment   |
| 30.  | EN 14491:2012<br>Dust explosion venting protective systems   |
| 31.  | EN 14492-1:2006+A1:2009<br>Cranes - Power driven winches and hoists - Part 1: Power driven winches   |
| 32.  | EN 14492-2:2006+A1:2009<br>Cranes - Power driven winches and hoists - Part 2: Power driven hoists  |
| 33.  | EN 14522:2005<br>Determination of the auto ignition temperature of gases and vapours   |
| 34.  | EN 14591-1:2004<br>Explosion prevention and protection in underground mines - Protective systems - Part 1: 2-bar explosion proof ventilation structure                                     |
| 35.  | EN 14591-2:2007<br>Explosion prevention and protection in underground mines - Protective systems - Part 2: Passive water trough barriers   |
| 36.  | EN 14591-4:2007<br>Explosion prevention and protection in underground mines - Protective systems - Part 4: Automatic extinguishing systems for road headers                                |
| 37.  | EN 14677:2008<br>Safety of machinery - Secondary steelmaking - Machinery and equipment for treatment of liquid steel   |

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| 38.  | EN 14678-1:2013<br>LPG equipment and accessories - Construction and performance of LPG equipment for automotive filling stations - Part 1: Dispensers |
| 39.  | EN 14681:2006+A1:2010<br>Safety of machinery - Safety requirements for machinery and equipment for production of steel by electric arc furnaces       |
| 40.  | EN 14797:2006<br>Explosion venting devices  |
| 41.  | EN 14973:2015<br>Conveyor belts for use in underground installations - Electrical and flammability safety requirements                                |
| 42.  | EN 14983:2007<br>Explosion prevention and protection in underground mines - Equipment and protective systems for firedamp drainage                    |
| 43.  | EN 14986:2017<br>Design of fans working in potentially explosive atmospheres  |
| 44.  | EN 14994:2007<br>Gas explosion venting protective systems   |
| 45.  | EN 15089:2009<br>Explosion isolation systems  |
| 46.  |   |
| 46a. | EN 15188:2020<br>Determination of the spontaneous ignition behaviour of dust accumulations.   |
| 47.  | EN 15198:2007<br>Methodology for the risk assessment of non-electrical equipment and components for intended use in potentially explosive atmospheres |
| 48.  | EN 15233:2007<br>Methodology for functional safety assessment of protective systems for potentially explosive atmospheres                             |
| 49.  | EN 15268:2008<br>Petrol filling stations - Safety requirements for the construction of submersible pump assemblies                                    |
| 50.  | EN 15794:2009<br>Determination of explosion points of flammable liquids   |
| 51.  | EN 15967:2011<br>Explosion isolation systems  |
| 52.  | EN 16009:2011<br>Flameless explosion venting devices  |
| 53.  | EN 16020:2011<br>Explosion diverters  |
| 54.  | EN 16447:2014<br>Explosion isolation flap valves  |
| 55.  | EN ISO 16852:2016<br>Flame arresters - Performance requirements, test methods and limits for use (ISO 16852:2016)                                     |
| 56.  | EN 17077:2018<br>Determination of burning behaviour of dust layers  |

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| 57. | EN ISO/IEC 80079-20-2:2016<br>Explosive atmospheres - Part 20-2: Material characteristics - Combustible dusts test methods (ISO/IEC 80079-20-2:2016)<br>EN ISO/IEC 80079-20-2:2016/AC:2017   |
| 58. | EN ISO 80079-36:2016<br>Explosive atmospheres - Part 36: Non-electrical equipment for explosive atmospheres - Basic method and requirements (ISO 80079-36:2016)  |
| 59. | EN ISO 80079-37:2016<br>Explosive atmospheres - Part 37: Non-electrical equipment for explosive atmospheres - Non-electrical type of protection constructional safety "c", control of ignition sources "b", liquid immersion "k" (ISO 80079-37:2016) |
| 60. | EN ISO/IEC 80079-38:2016<br>Explosive atmospheres - Part 38: Equipment and components in explosive atmospheres in underground mines (ISO/IEC 80079-38:2016)<br>EN ISO/IEC 80079-38:2016/A1:2018  |
| 61. | EN 50050-1:2013<br>Electrostatic hand-held spraying equipment - Safety requirements - Part 1: Hand-held spraying equipment for ignitable liquid coating materials  |
| 62. | EN 50050-2:2013<br>Electrostatic hand-held spraying equipment - Safety requirements - Part 2: Hand-held spraying equipment for ignitable coating powder  |
| 63. | EN 50050-3:2013<br>Electrostatic hand-held spraying equipment - Safety requirements - Part 3: Hand-held spraying equipment for ignitable flock   |
| 64. | EN 50104:2010<br>Electrical apparatus for the detection and measurement of oxygen - Performance requirements and test methods  |
| 65. | EN 50176:2009<br>Stationary electrostatic application equipment for ignitable liquid coating material - Safety requirements  |
| 66. | EN 50177:2009<br>Stationary electrostatic application equipment for ignitable coating powders - Safety requirements<br>EN 50177:2009/A1:2012   |
| 67. | EN 50223:2015<br>Stationary electrostatic application equipment for ignitable flock material - Safety requirements   |
| 68. |  |
| 69. | EN 50271:2018<br>Electrical apparatus for the detection and measurement of combustible gases, toxic gases or oxygen - Requirements and tests for apparatus using software and/or digital technologies  |
| 70. | EN 50281-2-1:1998<br>Electrical apparatus for use in the presence of combustible dust - Part 2-1: Test methods - Methods for determining the minimum ignition temperatures of dust   |
| 71. | EN 50303:2000<br>Group I, Category M1 equipment intended to remain functional in atmospheres endangered by firedamp and/or coal dust   |
| 72. | EN 50381:2004<br>Transportable ventilated rooms with or without an internal source of release  |

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| 73. | EN 50495:2010<br>Safety devices required for the safe functioning of equipment with respect to explosion risks                                  |
| 74. |   |
| 75. | EN IEC 60079-0:2018<br>Explosive atmospheres - Part 0: Equipment - General requirements   |
| 76. | EN 60079-1:2014<br>Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"  |
| 77. | EN 60079-2:2014<br>Explosive atmospheres - Part 2: Equipment protection by pressurized enclosure "p"  |
| 78. | EN 60079-5:2015<br>Explosive atmospheres - Part 5: Equipment protection by powder filling "q"   |
| 79. | EN 60079-6:2015<br>Explosive atmospheres - Part 6: Equipment protection by liquid immersion "o"   |
| 80. |   |
| 81. | EN 60079-7:2015<br>Explosive atmospheres - Part 7: Equipment protection by increased safety "e"<br>EN IEC 60079-7:2015/A1:2018                  |
| 82. | EN 60079-11:2012<br>Explosive atmospheres - Part 11: Equipment protection by intrinsic safety "i"   |
| 83. | EN 60079-15:2010<br>Explosive atmospheres - Part 15: Equipment protection by type of protection "n"   |
| 84. | EN 60079-18:2015<br>Explosive atmospheres - Part 18: Equipment protection by encapsulation "m"<br>EN 60079-18:2015/A1:2017                      |
| 85. | EN 60079-20-1:2010<br>Explosive atmospheres - Part 20-1: Material characteristics for gas and vapour classification -<br>Test methods and data  |
| 86. | EN 60079-25:2010<br>Explosive atmospheres - Part 25: Intrinsically safe electrical systems  |
| 87. | EN 60079-26:2015<br>Explosive atmospheres - Part 26: Equipment with Equipment Protection Level (EPL) Ga   |
| 88. | EN 60079-28:2015<br>Explosive atmospheres - Part 28: Protection of equipment and transmission systems using<br>optical radiation                |
| 89. | EN 60079-29-1:2016<br>Explosive atmospheres - Part 29-1: Gas detectors - Performance requirements of detectors for<br>flammable gases           |
| 90. | EN 60079-29-4:2010<br>Explosive atmospheres - Part 29-4: Gas detectors - Performance requirements of open path<br>detectors for flammable gases |
| 91. | EN 60079-30-1:2017<br>Explosive atmospheres - Part 30-1: Electrical resistance trace heating - General and testing<br>requirements              |
| 92. | EN 60079-31:2014<br>Explosive atmospheres - Part 31: Equipment dust ignition protection by enclosure "t"  |



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| 93. | <p>EN 60079-35-1:2011<br/>Explosive atmospheres - Part 35-1: Caplights for use in mines susceptible to firedamp - General requirements - Construction and testing in relation to the risk of explosion</p>  |
| 94. | <p>EN ISO/IEC 80079-34:2020<br/>Explosive atmospheres - Part 34: Application of quality systems for ex product manufacture (ISO/IEC 80079-34:2018)</p>  |
| 95. | <p>EN 13852-3:2021<br/>Offshore cranes – Part 3: Light offshore cranes<br/>Notice 1: The normative references referred to in clause 2 of designated standard EN IEC 60079-0:2018 shall be read as EN IEC 60079-0:2018 corrected by EN IEC 60079-0:2018/AC:2020-02<br/>Notice 2: The normative references referred to in clause 2 of designated standard EN ISO 80079-36:2016 shall be read as EN ISO 80079-36:2016 corrected by EN ISO 80079-36:2016/AC:2019<br/>Restriction: this publication does not cover the following part of the standard:<br/>column "Remarks/Notes" of Table ZB.1'</p> |

## ANNEX II

## Part 1

The list of standards for removal from publication, as set out in Annex II to notice 0044/21, is amended as follows:

(1) row 1 is removed.

(2) row 2 is renumbered 1.

(3) the following entries are added:

| No. | Reference of Standard   | Date of removal from publication |
|-----|---|----------------------------------|
| 2.  | EN 13012:2012<br>Petrol filling stations – Construction and performance of automatic nozzles for use on fuel dispensers   | 3 September 2023                 |
| 3.  | EN 13617-1:2012<br>Petrol filling stations – Part 1: Safety requirements for construction and performance of metering pumps, dispensers and remote pumping units  | 3 September 2023                 |
| 4.  | EN 13617-2:2012<br>Petrol filling stations – Part 2: Safety requirements for construction and performance of safe breaks for use on metering pumps and dispensers | 3 September 2023                 |
| 5.  | EN 13617-3:2012<br>Petrol filling stations – Part 3: Safety requirements for construction and performance of shear valves   | 3 September 2023                 |
| 6.  | EN 13617-4:2012<br>Petrol filling stations – Part 4: Safety requirements for construction and performance of swivels for use on metering pumps and dispensers     | 3 September 2023                 |
| 7.  | EN 13760:2003<br>Automotive LPG filling system for light and heavy duty vehicles – Nozzle, test requirements and dimensions                                       | 19 November 2023                 |
| 8.  | EN 14373:2005<br>Explosion suppression systems  | 19 November 2023                 |

## Part 2

List of references to standards which, as at the date of this notice, are due to be removed from publication.

| No. | Reference of Standard   | Date of removal from publication |
|-----|---|----------------------------------|
| 1.  | EN 15188:2007<br>Determination of the spontaneous ignition behaviour of dust accumulations  | 27 November 2022                 |
| 2.  | EN 13012:2012<br>Petrol filling stations – Construction and performance of automatic nozzles for use on fuel dispensers   | 3 September 2023                 |
| 3.  | EN 13617-1:2012<br>Petrol filling stations – Part 1: Safety requirements for construction and performance of metering pumps, dispensers and remote pumping units  | 3 September 2023                 |
| 4.  | EN 13617-2:2012<br>Petrol filling stations – Part 2: Safety requirements for construction and performance of safe breaks for use on metering pumps and dispensers | 3 September 2023                 |
| 5.  | EN 13617-3:2012<br>Petrol filling stations – Part 3: Safety requirements for construction and performance of shear valves   | 3 September 2023                 |
| 6.  | EN 13617-4:2012<br>Petrol filling stations – Part 4: Safety requirements for construction and performance of swivels for use on metering pumps and dispensers     | 3 September 2023                 |
| 7.  | EN 13760:2003<br>Automotive LPG filling system for light and heavy duty vehicles – Nozzle, test requirements and dimensions                                       | 19 November 2023                 |
| 8.  | EN 14373:2005<br>Explosion suppression systems  | 19 November 2023                 |