

Directive 2014/34/EU of the European Parliament and of the Council of 26 February 2014 on the harmonisation of the laws of the Member States relating to equipment and protective systems intended for use in potentially explosive atmospheres (recast) (Text with EEA relevance)

CHAPTER 1

GENERAL PROVISIONS

Article 1	Scope
Article 2	Definitions
Article 3	Making available on the market and putting into service
Article 4	Essential health and safety requirements
Article 5	Free movement

CHAPTER 2

OBLIGATIONS OF ECONOMIC OPERATORS

Article 6	Obligations of manufacturers
Article 7	Authorised representatives
Article 8	Obligations of importers
Article 9	Obligations of distributors
Article 10	Cases in which obligations of manufacturers apply to importers and distributors
Article 11	Identification of economic operators

CHAPTER 3

CONFORMITY OF THE PRODUCT

Article 12	Presumption of conformity of products
Article 13	Conformity assessment procedures
Article 14	EU declaration of conformity
Article 15	General principles of the CE marking
Article 16	Rules and conditions for affixing the CE marking and other markings

CHAPTER 4

NOTIFICATION OF CONFORMITY ASSESSMENT BODIES

Article 17	Notification
Article 18	Notifying authorities
Article 19	Requirements relating to notifying authorities
Article 20	Information obligation on notifying authorities
Article 21	Requirements relating to notified bodies
Article 22	Presumption of conformity of notified bodies
Article 23	Subsidiaries of and subcontracting by notified bodies

Article 24	Application for notification
Article 25	Notification procedure
Article 26	Identification numbers and lists of notified bodies
Article 27	Changes to notifications
Article 28	Challenge of the competence of notified bodies
Article 29	Operational obligations of notified bodies
Article 30	Appeal against decisions of notified bodies
Article 31	Information obligation on notified bodies
Article 32	Exchange of experience
Article 33	Coordination of notified bodies

CHAPTER 5

UNION MARKET SURVEILLANCE, CONTROL OF PRODUCTS ENTERING THE UNION MARKET AND UNION SAFEGUARD PROCEDURE

Article 34	Union market surveillance and control of products entering the Union market
Article 35	Procedure for dealing with products presenting a risk at national level
Article 36	Union safeguard procedure
Article 37	Compliant products which present a risk
Article 38	Formal non-compliance

CHAPTER 6

COMMITTEE, TRANSITIONAL AND FINAL PROVISIONS

Article 39	Committee procedure
Article 40	Penalties
Article 41	Transitional provisions
Article 42	Transposition
Article 43	Repeal
Article 44	Entry into force and application
Article 45	Addressees

ANNEX I

CRITERIA DETERMINING THE CLASSIFICATION OF EQUIPMENT-GROUPS INTO CATEGORIES

1. Equipment-group I
 - (a) Equipment category M 1 comprises equipment designed and, where necessary,...
 - (b) Equipment category M 2 comprises equipment designed to be capable...
2. Equipment-group II
 - (a) Equipment category 1 comprises equipment designed to be capable of...
 - (b) Equipment category 2 comprises equipment designed to be capable of...
 - (c) Equipment category 3 comprises equipment designed to be capable of...

ANNEX II

ESSENTIAL HEALTH AND SAFETY REQUIREMENTS RELATING TO THE DESIGN AND CONSTRUCTION OF EQUIPMENT AND PROTECTIVE SYSTEMS INTENDED FOR USE IN POTENTIALLY EXPLOSIVE ATMOSPHERES

Preliminary observations

- A. Technological knowledge, which can change rapidly, must be taken into...
- B. For the devices referred to in point (b) of Article...

1. Common requirements for Equipment and protective systems
 - 1.0. General requirements
 - 1.0.1. Principles of integrated explosion safety
 - 1.0.2. Equipment and protective systems must be designed and manufactured after...
 - 1.0.3. Special checking and maintenance conditions
 - 1.0.4. Surrounding area conditions
 - 1.0.5. Marking
 - 1.0.6. Instructions
 - 1.1. Selection of materials
 - 1.1.1. The materials used for the construction of equipment and protective...
 - 1.1.2. Within the limits of the operating conditions laid down by...
 - 1.1.3. Materials must be so selected that predictable changes in their...
 - 1.2. Design and construction
 - 1.2.1. Equipment and protective systems must be designed and constructed with...
 - 1.2.2. Components to be incorporated into or used as replacements in...
 - 1.2.3. Enclosed structures and prevention of leaks
 - 1.2.4. Dust deposits
 - 1.2.5. Additional means of protection
 - 1.2.6. Safe opening
 - 1.2.7. Protection against other hazards
 - 1.2.8. Overloading of equipment
 - 1.2.9. Flameproof enclosure systems
 - 1.3. Potential ignition sources
 - 1.3.1. Hazards arising from different ignition sources
 - 1.3.2. Hazards arising from static electricity
 - 1.3.3. Hazards arising from stray electric and leakage currents
 - 1.3.4. Hazards arising from overheating
 - 1.3.5. Hazards arising from pressure compensation operations
 - 1.4. Hazards arising from external effects
 - 1.4.1. Equipment and protective systems must be so designed and constructed...
 - 1.4.2. Equipment parts used must be appropriate to the intended mechanical...
 - 1.5. Requirements in respect of safety-related devices
 - 1.5.1. Safety devices must function independently of any measurement and/or control...
 - 1.5.2. In the event of a safety device failure, equipment and/or...
 - 1.5.3. Emergency stop controls of safety devices must, as far as...
 - 1.5.4. Control and display units
 - 1.5.5. Requirements in respect of devices with a measuring function for...
 - 1.5.6. Where necessary, it must be possible to check the reading...
 - 1.5.7. The design of devices with a measuring function must incorporate...

-
- 1.5.8. Risks arising from software
 - 1.6. Integration of safety requirements relating to the system
 - 1.6.1. Manual override must be possible in order to shut down...
 - 1.6.2. When the emergency shutdown system is actuated, accumulated energy must...
 - 1.6.3. Hazards arising from power failure
 - 1.6.4. Hazards arising from connections
 - 1.6.5. Placing of warning devices as parts of equipment
 - 2. Supplementary requirements in respect of equipment
 - 2.0. Requirements applicable to equipment in equipment-group I
 - 2.0.1. Requirements applicable to equipment category M 1 of equipment-group I...
 - 2.0.1.1. Equipment must be so designed and constructed that sources of...
 - 2.0.1.2. Where necessary, equipment must be so constructed that no dust...
 - 2.0.1.3. The surface temperatures of equipment parts must be kept clearly...
 - 2.0.1.4. Equipment must be so designed that the opening of equipment...
 - 2.0.2. Requirements applicable to equipment category M 2 of equipment-group I...
 - 2.0.2.1. Equipment must be equipped with means of protection ensuring that...
 - 2.0.2.2. Equipment must be so designed that the opening of equipment...
 - 2.0.2.3. The requirements regarding explosion hazards arising from dust applicable to...
 - 2.1. Requirements applicable to equipment category 1 of equipment-group II
 - 2.1.1. Explosive atmospheres caused by gases, vapours or mists
 - 2.1.1.1. Equipment must be so designed and constructed that sources of...
 - 2.1.1.2. For equipment with surfaces which may heat up, measures must...
 - 2.1.1.3. Equipment must be so designed that the opening of equipment...
 - 2.1.2. Explosive atmospheres caused by air/dust mixtures
 - 2.1.2.1. Equipment must be so designed and constructed that ignition of...
 - 2.1.2.2. Where necessary, equipment must be so designed that dust can...
 - 2.1.2.3. The surface temperatures of equipment parts must be kept well...
 - 2.1.2.4. With regard to the safe opening of equipment parts, requirement...
 - 2.2. Requirements applicable to equipment category 2 of equipment-group II
 - 2.2.1. Explosive atmospheres caused by gases, vapours or mists
 - 2.2.1.1. Equipment must be so designed and constructed as to prevent...
 - 2.2.1.2. Equipment parts must be so designed and constructed that their...
 - 2.2.1.3. Equipment must be so designed that the opening of equipment...

Status: EU Directives are being published on this site to aid cross referencing from UK legislation. After IP completion day (31 December 2020 11pm) no further amendments will be applied to this version.

- 2.2.2. Explosive atmospheres caused by air/dust mixtures
 - 2.2.2.1. Equipment must be designed and constructed so that ignition of...
 - 2.2.2.2. With regard to surface temperatures, requirement 2.1.2.3 applies.
 - 2.2.2.3. With regard to protection against dust, requirement 2.1.2.2 applies.
 - 2.2.2.4. With regard to the safe opening of equipment parts, requirement...
- 2.3. Requirements applicable to equipment category 3 of equipment-group II
 - 2.3.1. Explosive atmospheres caused by gases, vapours or mists
 - 2.3.1.1. Equipment must be so designed and constructed as to prevent...
 - 2.3.1.2. Surface temperatures must not exceed the stated maximum surface temperatures...
 - 2.3.2. Explosive atmospheres caused by air/dust mixtures
 - 2.3.2.1. Equipment must be so designed and constructed that air/dust mixtures...
 - 2.3.2.2. With regard to surface temperatures, requirement 2.1.2.3 applies.
 - 2.3.2.3. Equipment, including cable entries and connecting pieces, must be so...
- 3. Supplementary requirements in respect of protective systems
 - 3.0. General requirements
 - 3.0.1. Protective systems must be dimensioned in such a way as...
 - 3.0.2. Protective systems must be designed and capable of being positioned...
 - 3.0.3. In the event of a power failure, protective systems must...
 - 3.0.4. Protective systems must not fail due to outside interference.
 - 3.1. Planning and design
 - 3.1.1. Characteristics of materials
 - 3.1.2. Protective systems designed to resist or contain explosions must be...
 - 3.1.3. Accessories connected to protective systems must be capable of withstanding...
 - 3.1.4. The reactions caused by pressure in peripheral equipment and connected...
 - 3.1.5. Pressure-relief systems
 - 3.1.6. Explosion suppression systems
 - 3.1.7. Explosion decoupling systems
 - 3.1.8. Protective systems must be capable of being integrated into a...

ANNEX III

MODULE B TYPE EXAMINATION

1. EU-type examination is the part of a conformity assessment procedure...
2. EU-type examination shall be carried out with the examination of...
3. The manufacturer shall lodge an application for EU-type examination with...
4. The notified body shall:
5. The notified body shall draw up an evaluation report that...
6. Where the type meets the requirements of this Directive that...
7. The notified body shall keep itself apprised of any changes...
8. Each notified body shall inform its notifying authority concerning the...

9. The manufacturer shall keep a copy of the EU-type examination...
10. The manufacturer's authorised representative may lodge the application referred to...

ANNEX IV

MODULE D: CONFORMITY TO TYPE BASED ON QUALITY ASSURANCE OF THE PRODUCTION PROCESS

1. Conformity to type based on quality assurance of the production...
2. Manufacturing
3. Quality system
 - 3.1. The manufacturer shall lodge an application for assessment of his...
 - 3.2. The quality system shall ensure that the products are in...
 - 3.3. The notified body shall assess the quality system to determine...
 - 3.4. The manufacturer shall undertake to fulfil the obligations arising out...
 - 3.5. The manufacturer shall keep the notified body that has approved...
4. Surveillance under the responsibility of the notified body
 - 4.1. The purpose of surveillance is to make sure that the...
 - 4.2. The manufacturer shall, for assessment purposes, allow the notified body...
 - 4.3. The notified body shall carry out periodic audits to make...
 - 4.4. In addition, the notified body may pay unexpected visits to...
5. CE marking, EU declaration of conformity and attestation of conformity...
 - 5.1. The manufacturer shall affix the CE marking and, under the...
 - 5.2. The manufacturer shall draw up a written EU declaration of...
 - 5.3. The manufacturer shall draw up a written attestation of conformity...
6. The manufacturer shall, for a period ending 10 years after...
7. Each notified body shall inform its notifying authority of quality...
8. Authorised representative

ANNEX V

MODULE E: CONFORMITY TO TYPE BASED ON PRODUCT VERIFICATION

1. Conformity to type based on product verification is the part...
2. Manufacturing
3. Verification
4. Verification of conformity by examination and testing of every product...
 - 4.1. All products shall be individually examined and appropriate tests set...
 - 4.2. The notified body shall issue a certificate of conformity in...
5. CE marking, EU declaration of conformity and attestation of conformity...
 - 5.1. The manufacturer shall affix the CE marking and, under the...
 - 5.2. The manufacturer shall draw up a written EU declaration of...
 - 5.3. The manufacturer shall draw up a written attestation of conformity...
6. If the notified body agrees and under its responsibility, the...

Status: EU Directives are being published on this site to aid cross referencing from UK legislation. After IP completion day (31 December 2020 11pm) no further amendments will be applied to this version.

7. Authorised representative

ANNEX VI

MODULE CONFORMITY TO TYPE BASED ON INTERNAL PRODUCTION CONTROL PLUS SUPERVISED...

1. Conformity to type based on internal production control plus supervised...
2. Manufacturing
3. Product checks
4. CE marking, EU declaration of conformity and attestation of conformity...
 - 4.1. The manufacturer shall affix the CE marking to each individual...
 - 4.2. The manufacturer shall draw up a written EU declaration of...
 - 4.3. The manufacturer shall draw up a written attestation of conformity...
5. Authorised representative

ANNEX VII

MODULE CONFORMITY TO TYPE BASED ON PRODUCT QUALITY ASSURANCE

1. Conformity to type based on product quality assurance is that...
2. Manufacturing
3. Quality system
 - 3.1. The manufacturer shall lodge an application for assessment of his...
 - 3.2. The quality system shall ensure compliance of the products with...
 - 3.3. The notified body shall assess the quality system to determine...
 - 3.4. The manufacturer shall undertake to fulfil the obligations arising out...
 - 3.5. The manufacturer shall keep the notified body that has approved...
4. Surveillance under the responsibility of the notified body
 - 4.1. The purpose of surveillance is to make sure that the...
 - 4.2. The manufacturer shall, for assessment purposes, allow the notified body...
 - 4.3. The notified body shall carry out periodic audits to make...
 - 4.4. In addition, the notified body may pay unexpected visits to...
5. CE marking, EU declaration of conformity and attestation of conformity...
 - 5.1. The manufacturer shall affix the CE marking and, under the...
 - 5.2. The manufacturer shall draw up a written EU declaration of...
 - 5.3. The manufacturer shall draw up a written attestation of conformity...
6. The manufacturer shall, for a period ending 10 years after...
7. Each notified body shall inform its notifying authority of quality...
8. Authorised representative

ANNEX VIII

MODULE INTERNAL PRODUCTION CONTROL

1. Internal production control is the conformity assessment procedure whereby the...
2. Technical documentation
3. Manufacturing
4. CE marking, EU declaration of conformity and attestation of conformity...

- 4.1. The manufacturer shall affix the CE marking to each individual...
- 4.2. The manufacturer shall draw up a written EU declaration of...
- 4.3. The manufacturer shall draw up a written attestation of conformity...
5. Authorised representative

ANNEX IX

MODULE CONFORMITY BASED ON UNIT VERIFICATION

1. Conformity based on unit verification is the conformity assessment procedure...
2. Technical documentation
 - 2.1. The manufacturer shall establish the technical documentation and make it...
 - 2.2. The manufacturer shall keep the technical documentation at the disposal...
3. Manufacturing
4. Verification
5. CE marking, EU declaration of conformity and attestation of conformity...
 - 5.1. The manufacturer shall affix the CE marking and, under the...
 - 5.2. The manufacturer shall draw up a written EU declaration of...
 - 5.3. The manufacturer shall draw up a written attestation of conformity...
6. Authorised representative

ANNEX X

EU DECLARATION OF CONFORMITY (No XXXX)

1. Product model/product (product, type, batch or serial number):
2. Name and address of the manufacturer and, where applicable, his...
3. This declaration of conformity is issued under the sole responsibility...
4. Object of the declaration (identification of product allowing traceability; it...
5. The object of the declaration described above is in conformity...
6. References to the relevant harmonised standards used or references to...
7. Where applicable, the notified body ... (name, number) performed
8. Additional information:

ANNEX XI

PART A

Status: EU Directives are being published on this site to aid cross referencing from UK legislation. After
IP completion day (31 December 2020 11pm) no further amendments will be applied to this version.

PART B

ANNEX XII

Signature

Status: EU Directives are being published on this site to aid cross referencing from UK legislation. After IP completion day (31 December 2020 11pm) no further amendments will be applied to this version.

- (1) [OJ C 181, 21.6.2012, p. 105.](#)
- (2) Position of the European Parliament of 5 February 2014 (not yet published in the Official Journal) and decision of the Council of 20 February 2014.
- (3) [OJ L 100, 19.4.1994, p. 1.](#)
- (4) See Annex XI, Part A.
- (5) [OJ L 218, 13.8.2008, p. 30.](#)
- (6) [OJ L 218, 13.8.2008, p. 82.](#)
- (7) [OJ L 316, 14.11.2012, p. 12.](#)
- (8) [OJ L 55, 28.2.2011, p. 13.](#)