

Directive 94/9/EC of the European Parliament and the Council of 23 March 1994 on the approximation of the laws of the Member States concerning equipment and protective systems intended for use in potentially explosive atmospheres (repealed)

CHAPTER I

Scope, placing on the market and freedom of movement

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CHAPTER II

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ANNEX I

CRITERIA DETERMINING THE CLASSIFICATION OF EQUIPMENT-GROUPS INTO CATEGORIES

1. Equipment-group I

2. Equipment-group II

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.
- B.

1. COMMON REQUIREMENTS FOR EQUIPMENT AND PROTECTIVE SYSTEMS

- 1.0. General requirements
 - 1.0.1. Principles of integrated explosion safety
 - 1.0.2.
 - 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.
 - 1.1.2.
 - 1.1.3.
- 1.2. Design and Construction
 - 1.2.1.
 - 1.2.2.
 - 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.
 - 1.4.2.
- 1.5. Requirements in respect of safety-related devices
 - 1.5.1.
 - 1.5.2.
 - 1.5.3.
 - 1.5.4. Control and display units
 - 1.5.5. Requirements in respect of devices with a measuring function for...
 - 1.5.6.
 - 1.5.7.
 - 1.5.8. Risks arising from software

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- 1.6. Integration of safety requirements relating to the system
 - 1.6.1.
 - 1.6.2.
 - 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 category M of equipment-group I...
 - 2.0.1. Requirements applicable to equipment in category M 1 of equipment-group...
 - 2.0.1.1.
 - 2.0.1.2.
 - 2.0.1.3.
 - 2.0.1.4.
 - 2.0.2. Requirements applicable to equipment in category M 2 of equipment-group...
 - 2.0.2.1.
 - 2.0.2.2.
 - 2.0.2.3.
 - 2.1. Requirements applicable to equipment in category 1 of equipment-group II...
 - 2.1.1. Explosive atmospheres caused by gases, vapours or mists
 - 2.1.1.1.
 - 2.1.1.2.
 - 2.1.1.3.
 - 2.1.2. Explosive atmospheres caused by air/dust mixtures
 - 2.1.2.1.
 - 2.1.2.2.
 - 2.1.2.3.
 - 2.1.2.4.
 - 2.2. Requirements for category 2 of equipment-group II
 - 2.2.1. Explosive atmospheres caused by gases, vapours or mists
 - 2.2.1.1.
 - 2.2.1.2.
 - 2.2.1.3.
 - 2.2.2. Explosive atmospheres caused by air/dust mixtures
 - 2.2.2.1.
 - 2.2.2.2.
 - 2.2.2.3.
 - 2.2.2.4.
 - 2.3. Requirements applicable to equipment in category 3 of equipment-group II...
 - 2.3.1. Explosive atmospheres caused by gases, vapours or mists
 - 2.3.1.1.
 - 2.3.1.2.
 - 2.3.2. Explosive atmospheres caused by air/dust mixtures
 - 2.3.2.1.
 - 2.3.2.2.
 - 2.3.2.3.

- 3. SUPPLEMENTARY REQUIREMENTS IN RESPECT OF PROTECTIVE SYSTEMS
 - 3.0. General requirements
 - 3.0.1.
 - 3.0.2.

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- 3.0.3.
- 3.0.4.
- 3.1. Planning and design
 - 3.1.1. Characteristics of materials
 - 3.1.2.
 - 3.1.3.
 - 3.1.4.
 - 3.1.5. Pressure-relief systems
 - 3.1.6. Explosion suppression systems
 - 3.1.7. Explosion decoupling systems
 - 3.1.8.

ANNEX III

MODULE EC-TYPE EXAMINATION

- 1.
- 2.
- 3.
- 4.
 - 4.1.
 - 4.2.
 - 4.3.
 - 4.4.
- 5.
- 6.
- 7.
- 8.
- 9.

ANNEX IV

MODULE: PRODUCTION QUALITY ASSURANCE

- 1.
- 2.
- 3. Quality system
 - 3.1.
 - 3.2.
 - 3.3.
 - 3.4.

- 4. Surveillance under the responsibility of the notified body
 - 4.1.
 - 4.2.
 - 4.3.
 - 4.4.
- 5.
- 6.

ANNEX V
MODULE: PRODUCT VERIFICATION

- 1.
- 2.
- 3.
- 4. Verification by examination and testing of each piece of equipment....
 - 4.1.
 - 4.2.
 - 4.3.

ANNEX VI
MODULE: CONFORMITY TO TYPE

- 1.
- 2.
- 3.

ANNEX VII
MODULE: PRODUCT QUALITY ASSURANCE

- 1.
- 2.
- 3. Quality system
 - 3.1.
 - 3.2.
 - 3.3.
 - 3.4.
- 4. Surveillance under the responsibility of the notified body
 - 4.1.

- 4.2.
- 4.3.
- 4.4.
- 5.
- 6.

ANNEX VIII

MODUL: INTERNAL CONTROL OF PRODUCTION

- 1.
- 2.
- 3.
- 4.
- 5.

ANNEX IX

MODULE: UNIT VERIFICATION

- 1.
- 2.
- 3.

ANNEX X

- A. CE Marking
- B. Content of the EC declaration of conformity

ANNEX XI

MINIMUM CRITERIA TO BE TAKEN INTO ACCOUNT BY
MEMBER STATES FOR THE NOTIFICATION OF BODIES

- 1.
- 2.
- 3.
- 4.

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- 5.
- 6.
- 7.