

**Idioma: Inglés**

### TÍTULO

**Atmósferas explosivas. Parte 36: Equipos no eléctricos destinados a atmósferas explosivas. Requisitos y metodología básica. (ISO 80079-36:2016) (Ratificada por AENOR en septiembre de 2016.)**

### TÍTULO INGLÉS

**Explosive atmospheres - Part 36: Non-electrical equipment for explosive atmospheres - Basic method and requirements (ISO 80079-36:2016) (Endorsed by AENOR in September of 2016.)**

### TÍTULO FRANCÉS

**Atmosphères explosives - Partie 36: Appareils non électriques destinés à être utilisés en atmosphères explosives - Méthodologie et exigences (ISO 80079-36:2016) (Entérinée par l'AENOR en septembre 2016.)**

### OBSERVACIONES

En cumplimiento del punto 11.2.6.4 de las Reglas Internas de CEN/CENELEC Parte 2, se ha otorgado el rango de documento normativo español UNE al documento normativo europeo EN ISO 80079-36:2016 (Fecha de disponibilidad 2016-04-06)

Este documento está disponible en los idiomas oficiales de CEN/CENELEC/ETSI.

Este anuncio causará efecto a partir del primer día del mes siguiente al de su publicación en la revista AENOR.

La correspondiente versión oficial de este documento se encuentra disponible en AENOR (C/ Génova 6 28004 MADRID, [www.aenor.es](http://www.aenor.es))







## Annex ZA (informative)

### Relationship between this European Standard and the Essential Requirements of EU Directive 2014/34/EU

This European Standard has been prepared under a mandate given to CEN by the European Commission and the European Free Trade Association to provide a means of conforming to Essential Requirements of the New Approach Directive 2014/34/EU.

Once this standard is cited in the Official Journal of the European Union under that Directive and has been implemented as a national standard in at least one Member State, compliance with the clauses of this standard given in Table ZA.1 confers, within the limits of the scope of this standard, a presumption of conformity with the corresponding Essential Requirements of that Directive and associated EFTA regulations.

**Table ZA.1 — Correspondence between this European Standard and Directive 2014/34/EU**

Clauses/sub-clauses of this EN	Essential Requirements (ERs) of EU Directive 2014/34/EU	Qualifying remarks/Notes
4	1.0.1 1.0.2	
5.1	1.0.1 1.0.2 1.0.3	
5.2	1.0.2 1.3	
6.1	1.3	
6.2.1, 6.2.2, 6.2.3	1.2.8 1.3.1 1.4.1	
6.2.4	2.0.1 2.0.2	
6.2.5, 6.2.6	2.1.1 2.2.1 2.3.1	
6.2.7	2.1.2 2.2.2 2.3.2	
6.3	1.3.1	reference to EN 1127-1



**Annex ZB**  
(informative)

**Correspondence of equipment groups**

In all cases Equipment Protection Levels (EPL) as defined by EN 60079-0 are related to the corresponding Equipment Groups and Equipment Categories according to the following table. The same applies if a standard makes reference to the intended use of equipment in Zones according to the definitions in EN 60079-10.

**Table ZB.1 — Correspondence of equipment groups**

EN 60079-0		Directive 2014/34/EU		EN 60079-10-1 and EN 60079-10-2
EPL	Group	Equipment Group	Equipment Category	Zones
Ma	I	I	M1	NA
Mb			M2	
Ga	II	II	1G	0
Gb			2G	1
Gc			3G	2
Da	III		1D	20
Db			2D	21
Dc			3D	22




**Instructions**

The manufacturer or his authorized representative in the Community is to draw up the instructions for use in the required Community languages.

**Marking**

The marking according to this standard is to be supplemented by the marking according to Directive 2014/34/EU. Examples are given below.

**European marking examples**

Directive part	Standard part	Equipment example
 I M2	<b>Ex h I Mb</b>	Non-electrical equipment for Mining Industry,
 II 2 G	<b>Ex h IIB T4 Gb</b>	Non-electrical equipment intended to be used in Surface Industry classified as Gas Explosive Atmosphere - Zone1
 II 1 D	<b>Ex h IIIC 120°C Da</b>	Non-electrical equipment intended to be used in Surface Industry classified as Explosive Atmosphere of Combustible Dust - Zone 20





