

EUROPE –MACHINERY



New guide to application of the EU Machinery Directive

On July, 2017 a new version (Edition 2.1) of the “Guide to application of the Machinery Directive 2006/42/EC” was issued by the Commission.

The purpose of this new guide version is to provide explanations of the concepts and requirements of Directive 2006/42/EC so as to ensure uniform interpretation and application throughout the EU.

Click [here](#) to download the guideline.

EUROPE - ATEX

Harmonised standards under ATEX Directive – Brief explanation

The new list of harmonised standards for ATEX Directive 2014/34/EU published in 2017-06-09 ([2017/C 183/01](#)) replaces the previous list published in 2016-08-12 that replaced the one before published in 2016-04-08

Some highlights and examples of the new list of harmonised standards are given below:

New standard edition	Title	Previous edition	Notes
EN ISO 80079-36:2016	Explosive atmospheres - Part 36: Non-electrical equipment for explosive atmospheres - Basic method and requirements	EN 13463-1:2009 due date 31.10.2019	The main changes concern the replacement of the symbols 'c', 'b', 'k' with the new symbol 'Ex h' and the introduction of the new dust group III with the 3 subgroups IIIA, IIIB, IIIC as well as the electrical equipment.
EN ISO 80079-37:2016	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'	EN 13463-5:2011 EN 13463-6:2005 EN 13463-8:2003 due date 31.10.2019	
EN ISO 16852:2016	Flame arresters - Performance requirements, test methods and limits for use (ISO 16852:2016)	EN ISO 16852:2010 due date 31.5.2017	Among these updates a particular interest can be found in the modifications of the standard EN ISO 16852:2016 "flame arresters"; the second edition has reviewed some definitions (for example the definition of dynamic flame arrester), some test procedures (for example the flow measurement, the deflagration test, the short time burning test) but also states the obligation to test the flame arresters for the protection of the pipework integrated with the gas conveying equipment together with their associated equipment.

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