

Guideline

A-56

CLAP

FORM N°X057

Version : 1

Directive 2014/68/EU

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Directive References: Annex I § 2.2.1

Subject: Scope – PS and explosion

Question: Is equipment with a maximum allowable pressure $PS \leq 0.5$ bar in the scope of the PED if it is also designed to take account of an explosion pressure in an abnormal condition?

Answer: No.

The classification under the PED is based on PS in normal or foreseeable operating conditions.

When the manufacturer classes an explosion as an incident, rather than as operation as intended, the explosion pressure shall not determine the classification according to PED.

When explosion is considered included as part of the intended operation of the equipment, if the resultant pressure PS is greater than 0.5 bar then the equipment is covered by the PED.

See also Guideline H-07 (CLAP X169).

Examples of such equipment could be e.g. grain silos.

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