

**Guideline**

**1/56**

**CLAP**

**FORM N°302**

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PS

**Directive references:**

Annex I § 2.2.1 - 97/23 EC

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**Subject:** Scope – PS and explosion

**Question:**

Is equipment with a maximum allowable pressure  $PS \leq 0.5$  bar in the scope of the PES 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 8/7.

Examples of such equipment could be e.g. grain silos. Adopted on 2013-03-07.