

Guideline

A-38

CLAP

FORM N°X041

Version : 1

Directive 2014/68/EU

Adopted by WGP : 15/03/2016

Adopted by CLAP : 15/03/2016

Directive References: Article 2 (3)

Article 1 § 2 (b)

An II Table 7 & 9

Subject: Scope – Piping in fire extinguishing systems

Question: Is piping in fire extinguishing systems in the scope of the Pressure Equipment Directive (PED)?

Answer: YES.

Reasons:

1) Even though extinguishing gas (such as CO₂ or inert gas) piping will be only momentarily pressurised during activation of the extinguishing system and such piping is open at the discharge end, it will be exposed to a pressure PS above 0,5 bar.

2) The piping of a sprinkler system is not considered to be covered by exclusion Article 1, paragraph 2 (b) as it is not a network for the supply, distribution and discharge of water.

Note 1: The location where the pressure PS is specified shall be such to be representative of the maximum pressure to which the piping will be exposed.

Note 2: Table 7 of Annex II is to be used for classification if content is CO₂, or inert gas. For sprinkler systems, table 7 is to be used for "dry piping installation", and table 9 for water.

Note 3: The PED is limited only to pressure-related hazards. Function and performance of fire extinguishing systems are not covered by the PED.

See also Guideline A-09 (CLAP X015) and Guideline I-08 (CLAP X187).

2019-12-30