

Guideline

5/9

CLAP

FORM N°284

Version : 2

Directive 97/23/EC

Keywords : Safety accessory

Protective device

Pressure surge

PS

Directive references: Annex I § 2.11.2 - 97/23 EC

Adopted by WPG: 20/03/2014

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Subject: ESR on design – Pressure limiting devices – short duration

Question: Is there a value defined for the acceptable limit of the short duration referred to in Annex I section 2.11.2?

Answer: No

The duration corresponds to the time needed to reduce the pressure below PS. It depends on the dynamics of transient pressure surges that can be highly variable from one equipment to another.

The pressure limiting device shall have appropriate characteristics (flow capacity, set pressure in relation to PS, etc) to relieve the pressure safely.

Modifications compared to the previous adopted version: Amendment 2014-03-20.