

Directive 97/23/CE**Keywords:**

PS

Valve

Safety accessory

Directive reference:**Adopted by CLAP:**

12/03/2015

Subject: PS value of a safety accessory like a valve**Question:** How to define the PS value of safety accessory like a valve?**Answer:**

A valve has an upstream part and a downstream part, which both have a maximum design pressure defined by the manufacturer. They therefore have 2 PS: a first one upstream (PS1) and another one downstream (PS2).

Upstream part,

The valve has a valve set pressure which appears on the plate as its maximum allowable limits (Harmonized standard EN ISO 4126-1:2013). According to Guideline 8/12 (CLAP 191), PS1 is the valve set pressure.

Downstream part,

PS2, which is below than the design pressure of the valve, shall be specified by the manufacturer in the Instructions.