

Directive 97/23/CE

Keywords:

PS

Assembly

Directive reference:

Article 1 § 2.3 - 97/23 EC

Article 1 § 3.3 - 97/23 EC

Adopted by CLAP: 13/06/2013

Subject: Assembly – Definition of PS

Question: How to apply the PS definition to an assembly?

Answer:

The assembly expected functions lead the manufacturer to choose one or several operating pressures (for example: low or high pressure circuit).

According to this pressure objective, the manufacturer designs or chooses equipment enable to ensure this function, i.e.: with a PS higher or equal to the targeted pressure for the assembly or a part of the assembly.

The PS of the assembly are defined from the operating pressure targeted, and not from the individual equipment PS.

If the assembly includes several circuits with different operating pressure, this assembly has several PS, each of them is defined at a specific location, which is traditionally the location where are connected the safety accessories. This different PS shall be identified and marked on the assembly's marking.

If an assembly includes an important number of different PS, it is admitted to not write these different PS on the assembly marking, which includes, however, the reference to the repairing plan where are describe these different PS.

NOTE It is possible to get a pressure locally higher to the assembly pressure, once this equipment has been correctly assessed for this pressure (which is its own PS).

See also CLAP 191 and CLAP 94.