

Directive 2014/68/EU

Adopted by CLAP : 08/01/2016

Directive References: Annex I

Subject: ESR Assembly – Definition of PS**Question:** How to apply the PS concept to an assembly?**Answer:**

The expected functions of the assembly lead the manufacturer to choose one or more 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 PS greater than or equal to the targeted pressure for all or part of the assembly.

The PS(s) of the assembly is(are) defined from the target operating pressure targeted, and not from PS of the individual equipment.

If the assembly includes several circuits with different operating pressures, this assembly has several PS, each of them is defined at a specified location, which usually is the location where are connected the safety accessories. This different PS shall be identified and marked on the assembly dataplate.

If the assembly includes a large number of different PS, it is admitted to not indicate these different PS on the assembly dataplate, which however includes the reference to the locating plan where are described these different PS.

NOTE It is possible to have in the assembly a pressure locally higher to the PS of the assembly, if the concerned equipment have been duly assessed to withstand this pressure.

See also CLAP X172 (Guideline H-12) and X169 (Guideline H-07).