

**Guideline****3/13****CLAP****FORM N°183****Version : 3****Directive 97/23/EC****Keywords :**

Assembly

Conformity assessment

Machinery

**Directive references:**

Article 1 § 2.1.5 - 97/23 EC

Article 3 § 2.2 - 97/23 EC

Article 10 § 2 - 97/23 EC

**Adopted by WPG:** 24/05/2002**Adopted by CLAP:** 24/05/2002**Subject:** Assembly – Assembly with an item excluded from the PED**Question:**

When several items of pressure equipment are assembled by a manufacturer to constitute a functional whole, and when one or several of those items are excluded from the PED, is the resulting whole considered as an assembly covered by the PED ?

**Answer:**

The definition 2.1.5 of Article 1 does not prohibit non PED pressure equipment (pressurised equipment excluded by Article 1 paragraph 3) to be included in an assembly covered by the PED. In the case of a PED assembly, the global conformity assessment required by Article 10 paragraph 2 does not include the assessment of non-PED items of pressure equipment.

The assessment of

- the integration of the assembly
  - the protection of the assembly against exceeding the permissible operating limits
- shall be conducted in the light by the highest category of PED items of pressure equipment included, but it shall also take account of the characteristics of the non-PED equipment.

See also CLAP 169 - Guideline 3/12.

NOTE 1: A hydraulic system of an item of machinery can meet the definition of Article 1 paragraph 2.1.5, but as it is not intended to be put into service as such, it is not covered by Article 3 paragraph 2.2 (see CLAP 168 - Guideline 3/10). On the other hand, a refrigeration system is considered to be a PED assembly even if some of the pieces under pressure are excluded from PED.

NOTE 2: In the sense of PED, an assembly is a pressurised system; a machine-tool, earth-moving machinery, an agricultural tractor, a mobile crane is not, as a whole, a PED assembly.

Modifications compared to the previous adopted version: Editorial correction on 2004-09-16.