

Guideline

C-13

CLAP

FORM N°X097

Version : 1

Directive 2014/68/EU

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Directive References:

Article 2 (6)

Article 14 § 6

Article 4 § 2 (b)

Subject: Assemblies – 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 by Article 1 paragraph 2, is the resulting whole considered as an assembly covered by the PED ?

Answer:

The definition of assemblies in Article 2 (6) does not prohibit non PED pressure equipment (pressurised equipment excluded by Article 1 paragraph 2) to be included in an assembly covered by the PED.

In the case of a PED assembly, the global conformity assessment required by Article 14 paragraph 6 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 Guideline C-12 (CLAP X096).

NOTE 1: A hydraulic system of an item of machinery can meet the definition of Article 2 (6), but as it is not intended to be put into service as such, it is not covered by Article 4 paragraph 2 (b) (see Guideline C-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.

