

Guideline C-13

**Pressure Equipment Directive PED 2014/68/EU
Commission's Working Group "Pressure"**

Guideline related to: Article 2(6), Article 4 paragraph 2(b), Article 14 paragraph 6

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	<p>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.</p> <p>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.</p> <p>The assessment of</p> <ul style="list-style-type: none">- the integration of the assembly- the protection of the assembly against exceeding the permissible operating limits <p>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.</p> <p>See also PED guideline C-12.</p>
Reason	
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 PED 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, an earthmoving machinery, an agricultural tractor, a mobile crane is not, as a whole, a PED assembly.

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Guideline C-12

**Pressure Equipment Directive PED 2014/68/EU
Commission's Working Group "Pressure"**

Guideline related to: Article 14 paragraph 6; Annex I

Question	Do only the essential requirements given in Article 14 paragraph 6 apply to assessment of the integration of assemblies?
Answer	No, according to Annex I, first preliminary observation, the requirements of Annex I also apply to assemblies, where the corresponding hazard exists. Examples of other ESRs which may be relevant to assemblies : 3.1.2 Permanent joining, 3.2.2 Proof test (see PED Guideline C-06), 3.4 Operating instructions, 6 (a) and (d) Thermal expansion and vibration of piping, ...
Reason	
Note [x]	

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