

Guideline

E-01

CLAP

FORM N°X115

Version : 1

Directive 2014/68/EU

Adopted by WGP : 15/03/2016

Adopted by CLAP : 15/03/2016

Directive References: Annex I § 2.2.2

Annex I § 2.2.4

Subject: ESR on design – Conditions of application of an experimental design method without calculation

Question: How should the condition related to the experimental design method without calculation in Annex I § 2.2.2 be interpreted stipulating that:
"Experimental design may be carried out without any calculation in accordance with section 2.2.4 if the product of the maximum permissible pressure PS and the volume V is less than 6000 bar.litre or the product PS.DN is less than 3000 bar"?

Answer: It shall be understood that:

- the condition $PS.V < 6000 \text{ bar.L}$ is applicable to equipment for which the classification criterion in annex II is the volume (vessels, boilers and when applicable, accessories, etc.);
- the condition $PS.DN < 3000 \text{ bar}$ is applicable to equipment for which the classification criterion in annex II is the nominal size (piping and when applicable, accessories, etc.).

Note: Module B-EU Type Examination – Design type is not applicable to equipment validated by experimental design.