

Guideline

5/3

CLAP

FORM N°159

Version : 3

Directive 97/23/EC

Keywords:

Leakage

Tightness

Pressure equipment

Risk analysis

Fluid

Directive references:

Annex I - Preliminary
observation - 97/23 EC

Annex I § 1.1 - 97/23 EC

Annex I § 2.1 - 97/23 EC

Annex I § 2.3 and 2.8 - 97/23 EC

Adopted by WPG: 29/04/2003

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Subject: ESR particular – Leakage for pressure equipment

Question: Is leakage of pressure equipment covered by PED?

Answer: Yes, whenever internal or external leakage (i.e. leakage to atmosphere/environment) is a hazard due to pressure, it is covered by the essential safety requirements of PED.

All hazards arising from pressure shall be assessed for the intended use and the intended contained fluid(s), not only the requirement for sufficient strength but also internal/external leakage and all functional requirements related to pressure hazards (see also CLAP 54 - Guideline 1/15).

For pressure equipment where the detailed specific use is not known by the equipment manufacturer, the above consideration shall be addressed by the assembly manufacturer as per Annex I section 2.8.

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