

Guideline

1/13

CLAP

FORM N°74

Version : 2

Directive 97/23/EC

Keywords : Outer jacket

Vacuum

Vessel

Directive references: Article 1 - 97/23 EC

Adopted by WPG: 28/01/1999

Adopted by CLAP: 28/01/1999

Subject: Scope – Vacuum insulation of pressure vessels

Question: Is the pressure equipment directive applicable to vacuum insulation of pressure vessels?

Answer: Yes.

Reason:

Vacuum casings which do not have a maximum allowable pressure greater than 0.5 bar are therefore not pressure equipment in their own right.

However as structural elements attached to pressurized parts, they are part of pressure equipment and any negative effects of the vacuum casing and insulation on the pressurized parts must be taken into account and avoided.

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