

**Guideline**

**8/16**

**CLAP**

**FORM N°265**

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**Directive 97/23/EC**

**Keywords :**

Prof Test

Final assessment

**Directive references:**

Annex I § 3.2.2 - 97/23 EC

Annex I § 7.4 - 97/23 EC

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**Subject:** ESR on manufacturing – Pressure test

**Question:**

If the hydrostatic pressure test required by Annex I section 3.2.2 is replaced by a pneumatic pressure test because filling with water is harmful or impractical, what value has to be used for the pressure test?

**Answer:**

Either the values given in Annex I section 7.4 are to be used for the pneumatic pressure test or the manufacturer has to achieve an equivalent level of safety using other appropriate means.

See CLAP 103 - guideline 8/2.

Note 1: Whether the test is pneumatic or hydrostatic, when the value of the pressure deviates from the value of Annex 1 section 7.4, additional measures must be applied to verify the pressure containment aspect including tightness (see CLAP 159 - guideline 5/3).

Note 2: Attention is drawn to the fact that pneumatic testing can be highly dangerous. Reference should be made to the appropriate national authorities for regulation or guidance on the procedures to be followed.