

**Directive 97/23/CE****Keywords:**

Material

Quantitative requirement

Essential requirement

**Directive reference:**

Annex I § 7 - 97/23 EC

Annex I § 7.1.2 - 97/23 EC

**Adopted by CLAP:****10/07/2003****Subject:** ESR on materials – Allowable stresses for materials**Question:** What are the allowable stresses applicable to materials non-specifically referred to in § 7.1 of Annex I?**Answer:**

For the materials not specifically referred to in this § 7.1 (for example austeno-ferritic steels, nickel based alloys), the allowable stresses to be used are left to the manufacturer who must demonstrate the achievement of an equivalent overall level of safety as indicated in introduction of § 7 of annex I. For this objective, he can refer to harmonised standards, codes or specifications (see CLAP 59 - Guideline 9/5 and CLAP 60 - Guideline 9/6).

Furthermore, it should be noted that, even for the materials referred to in annex I § 7, the quantitative requirements apply as a general rule and it is possible not to comply to these requirements with the condition to demonstrate that appropriate measures have been taken to achieve an equivalent overall safety of level, see CLAP 10 - Guideline 8/6.

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