

Directive 2014/68/EU**Adopted by CLAP :** 29/03/2018**Directive References:** Annex I pt 7.1**Subject:** ESR on materials – Allowable stresses for materials**Question:** What are the allowable stresses to apply to materials not listed in point 7.1 of Annex I?**Answer:**

For the materials not listed in point 7.1 of Annex I (for example austenitic-ferritic steels or nickel based alloys) and in the absence of the application of a harmonized product standard, the allowable stresses to be used are at the initiative of the manufacturer who must justify obtaining an equivalent overall level of safety (see CLAP X168 - Guideline H-06) as indicated in the introduction to point 7 of Annex I. For this purpose, he may usefully refer to a harmonised standard, a code or a technical specification for pressure equipment (see CLAP X184 - Guideline I-05 and CLAP X185 - Guideline I-06).

It should also be noted that even for the materials referred to in point 7.1 of Annex I, the quantitative values are generally applicable and it is possible to derogate provided to justify that appropriate provisions are implemented to achieve an equivalent overall level of safety.