

**Guideline**

**G-14**

**CLAP**

**FORM N°X150**

**Version : 1**

**Directive 2014/68/EU**

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Directive References: Annex I § 7.1.2

**Subject:** ESR on material – Fine grained steel

**Question:** What does the exclusion of fine-grained steel in the first dash of section 7.1.2 of Annex I of the directive mean?

**Answer:** Those fine grained steels are micro-alloyed steels for pressure purposes as, for example, those given in EN 10028-3 or in EN 10222-4.

For these steels, the quantitative value of permissible membrane stress stated in Annex I Section 7.1.2 does not apply. However an equivalent overall level of safety must be achieved (refer to Guideline H-06 (CLAP X168)).