

**Guideline**

**G-12**

**CLAP**

**FORM N°X148**

**Version : 1**

**Directive 2014/68/EU**

**Adopted by WGP :** 15/03/2016

**Adopted by CLAP :** 15/03/2016

**Directive References:** Annex I § 4

**Subject:** ESR on materials – Welding materials and other permanent joining materials

**Question:** Shall welding consumables and other joining materials comply with harmonised standards, European approvals of materials or particular material appraisal?

**Answer:** No

Reason: The PED does not require that these materials fulfil the requirement of Annex I. 4.2b).

NOTE: The joining components referred to in Guideline G-08 (CLAP X144) (bolting parts) are not permanent joining materials.