

**Guideline****7/1****CLAP****FORM N°14****Version : 8****Directive 97/23/EC****Keywords :**

Material

Standard

Essential requirement

**Directive references:**

Annex I § 4.2 – 97/23/EC

Article 5 – 97/23/EC

**Adopted by WPG:** 27/06/2001**Adopted by CLAP:** 27/06/2001**Subject:** ESR on materials – Harmonized standard**Question:** What is to be understood by "harmonised standard" as referred to in Annex I, section 4.2 b)?

**Answer:** A harmonized standard in this context can be a harmonized product standard for an item of pressure equipment or an assembly which may be CE marked.

It could also be a harmonized supporting standard for materials that contains technical data clearly indicating the field of application.

In the case of a harmonised supporting standard for materials, presumption of conformity to the ESRs is limited to technical data of materials in the standard and does not presume adequacy of the material to a specific item of equipment. Consequently the technical data stated in the material standard shall be assessed against the design requirements of this specific item of equipment to verify that the ESRs of the PED are satisfied.

NOTE: Subsequent manufacturing processes affecting properties of the base material shall be taken into account when assessing the conformity of the pressure equipment to the material requirements of the directive.

Modifications compared to the previous adopted version: copy of guideline 7/1 (27/06/2001) and editorial correction on 2004-09-16.