

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

Material

Standard

Essential requirements

Directive reference:

Annex I § 4 - 97/23 EC

Annex I § 4.2 - 97/23 EC

Adopted by CLAP:**25/03/1999****Subject:** ESR on materials – Harmonised standard for materials**Question:**

In the first hyphen of § 4.2 b) of annex I, the directive said "by using materials which comply with harmonised standards".

Does this mean that the materials European standards shall be harmonised?

Answer:

There are some materials European standards which are intended to become harmonised standards (mainly the standards for materials for pressure purposes) but it is not the case for all the European standards dealing with materials.

Two cases need to be considered (see CLAP 14 - Guideline 7/1):

- either the material is standardised in a standard for material for pressure purposes harmonised for PED : in this case, the harmonised product standard shall not give additional requirements on the physical and chemical characteristics of the material but there can be some application restrictions and some options clarified ;
It is the case for example of a grade (P295GH) contained in a part of harmonised EN 10028.

- or the material is standardised in a material standard which is not harmonised for PED : in this case, the harmonised product standard can give some additional requirements.
It is the case for example of a grade of aluminium of EN 602 used for pressure cookers.

NOTE: In the case of a non-standardised material, the European Approval of Material or the particular material appraisal shall be used.

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