

Guideline

7/24

CLAP

FORM N°245

Version : 2

Directive 97/23/EC

Keywords :

Material

Certificate

Directive references:

Annex I § 2.2.3 - 97/23 EC

Annex I 4.3 - 97/23 EC

Adopted by WPG: 03/11/2003

Adopted by CLAP: 03/11/2003

Subject: ESR particular – Material conforming to the specification

Question:

Annex I § 4.3 of the PED requires that the material manufacturer must prepare documentation affirming compliance with the specification required by the equipment manufacturer.

Does this requirement mean that material properties used in the design of the pressure equipment must be based on those affirmed (guaranteed) by the material manufacturer?

Answer:

Yes, the material properties used in design of the equipment, e.g. yield strength and impact properties, must be based on those of the specification which are affirmed by the material manufacturer.

Note 1: This does not mean that the values of the specification need to be written on the certificate. It is sufficient for the material manufacturer's certificate to make reference to the specification where the appropriate values are included. See also CLAP 185 - Guideline 7/17 for the need of verification testing of specified impact properties.

Note 2: See also CLAP 186 - Guideline 7/18 for the relationship between the essential safety requirements and the properties of the base material.

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