

**Guideline**

**G-24**

**CLAP**

**FORM N°X159**

**Version : 1**

**Directive 2014/68/EU**

**Adopted by WGP :** 08/01/2016

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**Directive References:** Annex I § 2.2.3

Annex I § 4.3

**Subject:** ESR on materials – 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 Guideline G-17 (CLAP X153) for the need of verification testing of specified impact properties.

Note 2: See also Guideline G-18 (CLAP X154) for the relationship between the essential safety requirements and the properties of the base material.