

**Guideline**

**B-25**

**CLAP**

**FORM N°X218**

**Version : 1**

**Directive 2014/68/EU**

**Adopted by WGP :** 21/03/2017

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**Directive References:** Annex II

**Subject:** Classification - Classification of a pressure equipment

**Question:** Is it possible to classify pressure equipment in a Category higher than the category resulting from the application of tables in Annex II?

**Answer:** No,

The classification of a pressure equipment is based on the following factors :

- Type of equipment (vessel, piping, or pressure accessory),
- Type of fluid: gas or liquid,
- Group of fluid: group 1 or 2.

These factors determine the table of Annex II to be used. In the appropriate table, the maximum allowable pressure and the volume for vessels or the maximum allowable pressure and the nominal size DN for piping determines the Category of the equipment.

Additionally the relevant notes below the tables shall also be considered in the classification.

For example a valve sized as DN 25 can only be Sound Engineering Practice (Article 4 paragraph 3) according to Table 6 of Annex II and must never be CE-marked (see also CLAP X074 / PED Guideline B-17).

Note 1: The directive exceptionally requires use of a higher Category (e.g. for portable extinguishers), but even then there is no choice of category for the manufacturer.

Note 2: The classification of safety accessories is not covered by the tables of Annex II (see section 2 of Annex II)

Note 3: The PED gives flexibility for a manufacturer to apply a conformity assessment procedure from a higher category, if available (see CLAP X068 / PED Guideline B-11). For Sound Engineering Practice equipment see CLAP X075 / PED Guideline B-18.