

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

Piping

Classification

Maximum allowable pressure

PS

Temperature

Category

**Directive reference:**

Article 1 § 2.3 - 97/23 EC

Article 1 § 2.4 - 97/23 EC

Article 1 § 3.3, 3.4 - 97/23 EC

Annex I § 2.1 - 97/23 EC

**Adopted by CLAP:****25/11/2004****Subject:** Classification - Piping**Question:** How to determine the category of a piping intended for several operating points Pressure/temperature?**Answer:**

The category, function of PS, will be based on the highest value of the pressure (see also CLAP 232 - Guideline 2/28).

Note: the temperature is also to take into account if it modifies the status of the fluid (vapour/liquid) or if it modifies the group of fluid (flashpoint, see CLAP 166 - Guideline 2/20).

The different Pressure/temperature couples should be taken into account for the calculation of the components and the determination of the proof test pressure.

It is recommended, for the marking, that the value of temperature corresponding to PS is associated with the value of PS and that the maximum value of temperature is indicated with the value of the corresponding pressure (see CLAP 191 - Guideline 8/12).

The operating instructions will have to indicate these various operating conditions.

Modifications compared to the previous adopted version: Addition of the note and deletion of the references to WPG.