

**Guideline**

**1/9**

**CLAP**

**FORM N°73**

**Version : 2**

**Directive 97/23/EC**

**Keywords :**

Component

Pressure accessory

Piping

**Directive references:**

Article 1 § 2.1.2 - 97/23 EC

**Adopted by WPG:** 28/01/1999

**Adopted by CLAP:** 28/01/1999

**Subject:** Scope – Piping components

**Question:** Are piping components, such as a pipe or system of pipes, tubing, fittings, expansion joints, hoses, or other pressure bearing components, considered to be piping when they are placed on the market as individual components?

**Answer:** Individual piping components, such as a pipe or system of pipes, tubing, fittings, expansion bellows, hoses, or other pressure bearing components are not “piping”.

However, a single pipe, or a system of pipes, for specific application, may be classed as “piping”, provided all appropriate manufacturing operations such as bending, forming, flanging and heat treatment, have been completed. Some piping components (e.g. expansion joints) may be considered to be pressure accessories (see CLAP 72 - Guideline 1/8).

Remark: Please note the definitions related to expansion joints and to expansion bellows:

- Expansion joints are devices containing one or more bellows used to absorb dimensional changes such as those caused by thermal expansion or contraction of a pipeline, duct or vessel.
- Expansion bellows are flexible elements of an expansion joint consisting of one or more convolutions and the end tangents.

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