

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

Component

Internal parts

**Directive reference:** Article 1 § 2.1.1 - 97/23 ECAnnex I Preliminary  
observation - 97/23 EC**Adopted by CLAP:** 14/04/2010**Subject:** ESR on design – Limits of application**Question:** Do the Essential Safety Requirements of Annex 1 apply to all elements constituting pressure equipment?**Answer:**

As stated in Article 1, § 2.1.1, the essential requirements of Annex 1 apply to the housing under pressure, and the attachments such as flanges, nozzles, fittings, plates, lifting lugs, etc..

When performing the hazard analysis specified in Annex 1, the manufacturer must also identify other elements constituting the pressure equipment not attached to the housing which

- are designed to contribute to the pressure resistance, or;
- could cause a risk in relation to the pressure containment aspect.

In both cases, the manufacturer must determine the appropriate Essential Requirements.