

Guideline**3/8****CLAP****FORM N°65****Version : 4****Directive 97/23/EC****Keywords :**

Assembly

Pressure cooker

Extinguisher

Boiler

Respiratory cylinder

Directive references:

Article 1 § 2.1.5 - 97/23 EC

Adopted by WPG: 08/11/2000**Adopted by CLAP:** 08/11/2000**Subject:** Assembly - Definition**Question:** Can some guidance be provided on the terms used in the definition of an assembly?**Answer:** Items of pressure equipment form an assembly if:

1. They are integrated, i.e. they are connected and designed to be compatible with each other and
2. They are functional, i.e. together, they achieve specific, overall objectives and could be put into operation, and
3. They form a whole, i.e. all the items which are necessary for the assembly to function and be safe are present and
4. They are assembled by one manufacturer who intends the resulting assembly to be placed on the market and who will subject the assembly to a global conformity assessment procedure.

It is irrelevant whether completion of the assembly takes place at the manufacturer workshop or by the manufacturer on site.

Other factors will need to be considered to determine whether the Directive applies to a particular assembly. (See guideline 3/2, CLAP 9).

Some possible examples of assemblies are pressure cookers, portable extinguishers, breathing apparatus, skid mounted systems, autoclaves; air conditioner, compressed air supply in a factory, refrigerating system, shell boilers, water tube boilers, distillation, evaporation or filtering units in process plants, oil heating furnaces.

Modifications compared to the previous adopted version: copy of guideline 3/8 (08/11/00) and editorial correction on 2004-09-16.