

Guideline**3/4****CLAP****FORM N°66****Version : 4****Directive 97/23/EC****Keywords :**

Assembly

CE marking

Conformity assessment

Boiler

Directive references:

Article 3 § 2.1 - 97/23 EC

Annex I § 5 - 97/23 EC

Adopted by WPG: 08/11/1999**Adopted by CLAP:** 08/11/1999**Subject:** Assembly - Boilers**Question:**

What shall be the minimum extent of the assembly "boiler" which shall be subjected to a global conformity assessment procedure in accordance with article 3 § 2.1?

Answer:

The assembly shall comprise, as a minimum, the boiler including all the pressure parts from the feedwater inlet (including the inlet valve) up to and including the steam and/or hot water outlet (including the outlet valve or, if there is no valve, the first circumferential weld or flange downstream of the outlet header). This includes all economisers, superheaters and interconnecting tubing which may be exposed to a risk of overheating and are not capable of isolation from the main system by interposing shut-off-valves. Additionally included are the associated safety accessories and the tubing connected to the boiler involved in services such as draining, venting desuperheating, etc., up to and including the first isolating valve in the tubing line downstream of the boiler.

NOTE 1: This definition is based on draft standard prEN 12952-1:1997 and is in conformity with annex I § 5 of the directive.

NOTE 2: This is a MINIMUM definition of the assembly.

NOTE 3: The ISOLATABLE superheaters, reheaters, economisers and related interconnecting tubing are not part of this minimum assembly. They can bear a CE marking separately or be integrated in the assembly if the manufacturer wishes so;

NOTE 4: The means of providing the boiler with feedwater and the means of preparing and feeding the fuel to the boiler are not part of this minimum assembly. They can bear a CE marking separately or be integrated in the assembly if the manufacturer wishes so.

Modifications compared to the previous adopted version: copy of guideline 3/4 (08/11/99) and editorial correction on 2004-09-16.