

Directive 97/23/CE

Keywords:

Technical documentation

CE design examination

CE type examination

Design

Directive reference:

Annex III – 97/23/EC

Adopted by CLAP:

15/05/1997

Subject: Conformity assessment – Documents to be given for a design examination

Question: Which are the documents to be given for a design examination?

Answer: The documents to be given for a design examination are the following:

- General description of the pressure equipment,
- List of codes or harmonized standards applied and solutions adopted,
- Design drawings, manufacturing drawings (if necessary), and diagram of components, sub-assemblies or circuits, description and explanation for an understanding of the said drawings and diagrams (if necessary), (1)
- Identification marking drawings (identity plate),
- List of materials used,
- Results of design calculation made and/or test reports, (2)
- Forming procedures,
- Heat treatment procedure,
- NDT procedures,
- Permanent assemblies' procedures,
- Qualification of permanent assemblies procedures (see CLAP 33 - Guideline 6/5),
- Operating instructions (see CLAP 21 - Guideline 8/3).

These documents shall be given to the notified body for an EC design examination (modules B1 and H1) or for an EC type examination (module B). They shall also be available for the final assessment for the modules A - A1 - D1 - E1 - G - H (see CLAP 20 - Guideline 6/2).

Note 1: The basic document is the general design drawing of the equipment completed if necessary by more detailed manufacturing drawings or diagrams of the sub-assemblies or circuits and commented if necessary by a written description.

Note 2: In case of calculation design, the results of the design calculation shall be given, in case of an experimental design, the test reports shall be given and in case of calculation design completed by experimental design, the results of the calculation shall be supplemented by the test reports.

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