

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

Fatigue

Design

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Code

Directive reference:

Annex I § 2.2.3 b) - 97/23 EC

Adopted by CLAP:**30/05/2002****Subject:** ESR on design – Fatigue analysis**Question:** Which are the load cases to be taken into account to define the number of cycle for which a fatigue analysis shall be completed?**Answer:** Only normal load cases are to be considered.

The other reasonably foreseeable load case to which pressure equipment can be subjected, are not taken into account to decide whether the pressure loading is of a cyclic or non-cyclic nature.

Note: Most of codes and standards (CODAP, EN 13445,...) propose rules of exemption of fatigue analysis.

See also CLAP 94 - Guideline 8/7.

Modifications compared to the previous adopted version: Deletion of the references to WPG and editorial correction on 2004-09-16.