Förhandsgranskning / Preview Standard withdrawn 2020-04-29.

PED - Pipe Class ESS10A
ISO dimension series, PN 10, Material 1.4307, z=0.7

Orientation

EU Directive 97/23/EC, which in English is known as the Pressure Equipment Directive – PED, was adopted by the European Parliament in May 1997. From 29 May 2002, EU Directive PED 97/23/EC became compulsory throughout the European Union. The European harmonised EN 13480 standard is a standard which complies with the requirements of EU Directive PED 97/23/EC of May 1997. The Swedish Work Environment Authority implemented this EU Directive in Sweden on 31 May 2002 in accordance with regulation AFS 1999:4 entitled "Pressure equipment".

This Pipe Classes standard has been verified and approved against the requirements of SS-EN 13480-3:2002 by the certified body (AO) 0409 Inspecta Sweden AB, certificate no. 09-744845-00.
This standard describes pipe components with ISO dimensions, pressure class PN 10. The standard complies with the values for the maximum permitted pressure (P_c) and temperature (T_c) for pressure class PN 10 according to the harmonised European flange standard SS-EN 1092-1:2001, table 17, material group 14E0.

For a list of SSG PED pipe classes, see SSG 7829E.

NB!
Component calculations in the pipe class are based on material 1.4307 as per SS-EN standard which is included in material group 8.1 according to CR ISO 15608 (see also SS-EN 13480-2). This standard, SSG 7841E, can also be applied to other materials in material group 8.1 as per CR ISO 15608 with equal or higher strength values.
If a material of inferior strength value is chosen, the components may NOT be used according to the standard.

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