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PED – piping class EDU_ _B. Pipelines for ISO dimension series, material 1.4462, z = 1,0

Please refer to SSG 0001E – "Purpose, interpretation and application of the documents published by SSG". Text enclosed in square brackets ([…]) denotes references to Swedish regulations, encompassing any locally applicable amendments for the Swedish market only.

Scope

This standard provides recommendations on pipe components with ISO dimensions, pressure classes PN10, PN16, PN25 and PN40.

The standard follows the values for maximum permissible pressures (P_c) and temperature (T_c) for the respective pressure class according to the European harmonised flange standard and the materials listed therein.

The Pressure Equipment Directive – PED, was adopted by the European Parliament in May 2014. The Swedish Work Environment Authority implemented the EU Directive in Sweden on 19 July 2016 and is applied in Sweden through the regulation [AFS 2023:5].

This Standard may also be applied to other materials that have equal or higher strength values. If a material with lower strength values is selected, the components can NOT be used according to the standard.

Wall thicknesses for pipes and pipe components are not specified in this standard. Each component shall be individually designed for the loads arising in the piping system. The wall thicknesses will be calculated and verified by a notified body for the next edition.

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1 Related documents

For further information related to the subject, see:

SSG 7829E – *Piping class according to PED: summary.*

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