

Anchorage and supports – design recommendations and field of application for pipelines

Scope

This standard provides general recommendations for pipe anchorage sections. The standard is intended to be used for pipelines of dimensions in the area DN 10–1200. The standard does not cover plastic pipelines. In these cases, refer to the Plastic Pipeline Standard, PRN 2018.

This standard for pipe anchorages and supports is verified and approved against the requirements of SS-EN 13480-3 of notified body (AO) 0409, Kiwa Inspecta Sweden AB, with certificate number 19-1000807-107. SS-EN 13480 is a standard that meets the requirements of the EU Directive PED 2014/68/EU.

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 with the regulation AFS 2016:1.

Changes since the previous edition

This edition differs from the previous edition in that:

- Requirement on supporting installations is removed from section 4.2 – “Requirements for welding”.
- The reference regarding requirements of quality certificate for welding material for support classes have been changed in section 4.2 – “Requirements for welding”.
- Text and figure about support plate has been added in section 5.1.3 – “Sliding support”.
- “Fig. 1” and “Fig. 2” in Appendix 1 now shows clearer examples of what it can look like if you follow SSG’s standard for pipe anchorages and supports.
- The standard has been language reviewed and adjusted to facilitate reading.

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Appendix I: Guide for steel components requirements in respect of steel pipe support

1 Related documents

SSG 7001E – “Anchorage and supports for pipelines – symbols and types”

SSG 7005E – “Anchorage and supports for pipelines – types”

SSG 7025E–7179E – Pipe support elements (different types)

SSG 7250E – “Recommended hanger distances in pipe support elements”

SSG 7260E – “Recommended distances between hanger centres”

SSG 7270E – “Maximum support distance for pipelines laid indoors and outdoors”.