

Piping specifications



Can you demonstrate compliance with PSSR 2000?

Have you kept your pipework specifications up to date?

Have you assessed your pipework specifications when performing repairs or significant modifications?

Pressure Systems Safety Regulations 2000 (PSSR 2000)

PSSR 2000 requires that users / owners of pipework systems take account of the original design specification when designing any significant modifications or repairs.

By working closely with client engineers ABB can develop a single, structured set of piping specifications and associated documentation that meet the current and future needs of plant engineers, designers, fabricators and inspectors.

Up to date piping specifications can be uploaded into a controlled database, network or web enabled, to suit client requirements for ease of access and future maintenance.

Benefits

- Organised and indexed specifications to assist with regulatory compliance
- Rationalisation of the volume of pipe specifications required through elimination of duplication
- Site or company wide standardisation to a single format improving efficiency of ongoing maintenance
- Material specifications and codes updated to current standards
- Simplification for engineers, designers, fabricators and inspectors
- Selection charts can be designed for gaskets and bolts



A review of your piping specifications can include:

- Piping classification and conformity assessment in accordance with the Pressure Equipment Regulations (PER), design, component and materials standards, compilation of a design philosophy to capture corporate learning, compliance with PSSR, PER etc
- Design and operating conditions of the piping systems to ensure conformance with current specification documentation
- Enable customers to embrace legislation and regulation in an optimised way
- General materials of construction, metallic and non-metallic and any specific material grades within groups
- Piping wall thicknesses checks
- Flange ratings, flange types, flange standards
- Gasket and bolting types and materials
- Valve types and specification
- Initial testing specified, type and levels of NDT etc
- Painting and insulation standards and materials

References

ABB have a vast experience and healthy track record of completing such rationalisation exercises.

Our methods of working and large database enable such assignments to be completed thoroughly and efficiently.

ABB Limited
Daresbury Park, Daresbury
Warrington, Cheshire
WA4 4BT United Kingdom
Phone: +44 (0)1925 741 111
E-Mail: contact@gb.abb.com

abb.com/consulting

We reserve the right to make technical changes or modify the contents of this document without prior notice. With regard to purchase orders, the agreed particulars shall prevail. ABB does not accept any responsibility whatsoever for potential errors or possible lack of information in this document.

We reserve all rights in this document and in the subject matter and illustrations contained therein. Any reproduction, disclosure to third parties or utilisation of its contents – in whole or in parts – is forbidden without prior written consent of ABB. Copyright© 2018 ABB
All rights reserved