Förhandsgranskning / Preview

Heating, ventilation and sanitation systems: Industrial grooved piping systems

Information inside square brackets ([...]) in this document refers to Swedish regulations.

Scope

The purpose of this standard is to enable purchasers, designers, constructors and technicians to select the right type of coupling system for their installation. The standard deals with requirement specification and selection of coupling systems suitable for grooved piping systems.

Grooved pipes and pipe couplings are used as an effective alternative to reduce installation time, avoid X-ray/ultrasonic inspection of joints, save time on maintenance work, and eliminate the risks associated with hot work.

The requirement specification in this standard is primarily intended for HVAC installations, as well as sanitary, compressed air, and sprinkler systems, but the coupling systems can be used for most piping systems (depending on pressure, temperature and media), as well as for vacuum applications. The technical information for piping systems mentioned in this standard is limited to pipes made of metallic materials. Plastic piping systems are not covered by this standard.

This standard is based on the American Water Works Association (AWWA) standard C606-97, “Grooved and Shouldered Joints”. The coupling method is also included in EN 10311 – “Joints for the connection of steel tubes and fittings for the conveyance of water and other aqueous liquids”.

Contents

1 Terminology 3
2 Grooved pipe couplings and piping systems 3
3 Responsibilities of the purchaser 4
4 Responsibilities of the supplier 4
5 Design 5
6 Installation 6
6.1 Handling of couplings and pipe fittings 6
6.2 Groove systems 6
7 Pipe hangers 7
7.1 Recommended distances between pipe hangers 7
8 Applications/media 8
9 Seal types 8
10 Expansion and movement 8
11 Products and regulations 9
12 Marking 10

SSG Standards are covered by copyright and may not be reproduced without special permission.
ssgsolutions.com

Förhandsgranskning / Preview

13 Insulation 10
14 Competence 10
15 References 12

SSG Standards are covered by copyright and may not be reproduced without special permission.
ssgsolutions.com