COURSE OVERVIEW

This is an independent course which is not specific to any equipment manufacturer. The course provides training on pressure relief valves which are listed as key safety-critical items of pressure equipment in the Pressure Systems Safety Regulations (PSSR). This training allows delegates to develop familiarity with the practical aspects of PRV inspection and maintenance, and to demonstrate this familiarity to external bodies such as the site competent person and HSE.

TOPICS COVERED

- Principles of pressure relief
- PRV design fundamentals, components, operation, sizing and terminology
- Review of codes and standards and their influence on PRV inspection
- Corrosion assessment/casing wall thinning and NDT
- NDT/leak test of back-pressure bellows
- Seat lapping and surface finish assessment
- Re-assembly alignment
- Inspection reporting
- Demonstrating the effect of incorrect adjustment
- PRV certification and administration requirements (PSSR influences)
- Deciding PRV inspection periodicity
- Applying an RBI scheme to PRV inspection periodicity.
TRAINING DETAILS

This three-day course combines classroom instruction and practical workshop training on various types of PRVs. There is continuous assessment of delegates throughout the duration of the course including written tests and a practical workshop assessment on PRVs, using a case study format.

DID YOU KNOW?

RINA is an authorised global training provider for the American Society of Mechanical Engineers (ASME) and a market leader in the provision of ASME and API inspector training courses for pressure systems and mechanical plant.

Information on all RINA’s all ASME and API inspector training courses and publications are available at: https://www.rina.org/en/technical-training

Our regular programme of CPD-certified courses covers a diverse range of areas, from lightning and earthing to rail and software safety. AccessERA subscribers receive a 10% discount on a range of RINA course prices at the time of booking, when the booking is made directly with the training team. Subscribers can also use their credits to book on certain courses.

RELATED COURSES

- ASME - Plant inspector Level 1

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