

Course Name: Safety Relief Valve: Operation Maintenance

Reference Code :

Description:

Course Objective:

By the end of the course the trainee should know:

- 1- Relief valve types
- 2- Pressure terminology: MAWP, ...
- 3- Use of the relief safety valve
- 4- Relief valve component
- 5- The effect of back pressure on relief valves
- 6- On line test of a relief valve
- 7- Valve dismantling and gathering
- 8- Valve tests

Programme Methodology:

Who Should attend?

Operators and engineer on the sites of pressurized vessels , boilers, furnaces, pumps and hydraulic systems.

Maintenance technicians and supervisors

United Arab Emirates

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Course Outline:

- 1- What is the hazards of pressurized vessels? : failure modes
- 2- Why relief events happen :

External fire -

Flow from high pressure source -

Heat input from associated equipment -

Pumps and compressors -

Ambient heat transfer -

Liquid expansion in pipes and surge -

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3- Safety valve set point

4- Code requirements: ASME, API, ...

5- Maintaining valves

6-

Course Duration Date

Time: 08:00 AM -03:00 PM **Numbers of hours:** 30 Hours

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