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BATEN RABAH
Consultation, Training,
Contracting &
Evaluation Training
Pogramme

program

Course Information Sheet	
Course Title	ASME PRESSURE RELIEF VALVES INSPECTION TRAINING COURSE
Duration	2-3 DAYS
Who should attend	The course content intends to provide an appreciation and to improve your technical knowledge in the principles of PRVs. PRVs are not exclusively a maintenance activity and should be considered as essential training for all parts of the organisation; including maintenance, operations and inspection to ensure the associated risks are fully understood. Engineers / Supervisors / Technicians from Maintenance Operations Department, Maintenance Service Department and Inspection & Materials Technology Section.
Course Description	Pressure Relief Valves Inspection Training Course is a three-day course covering the inspection and maintenance of Pressure Relief Valves (PRV'S). The course combines both theoretical instruction and practical workshop training on a variety of PRVs. The aim is to improve your technical knowledge in the principles of PRV operation, maintenance and inspection while considering both the dimensional and operational characteristics.
Prerequisites	There are no required prerequisites for this course. Recommended Be familer with api code
Course Outlines	Principles of Pressure Relief Different methods of pressure relief; PRVs, bursting discs Pressure accumulation limits (API/ASME limits: steam service) Fluid categorisations PRV design fundamentals Principles of high lift, blowdown, spring ranges Pre-installation inspection and verification

	<p>Certification and ID requirements</p> <p>Installation methodology</p> <p>In-service Inspection</p> <p>As received lift testing requirements</p> <p>Stripdown and inspection</p> <p>Sealing surfaces assessment and lapping</p> <p>Re-assembly methodology</p> <p>Leak testing</p> <p>CDTP Lift testing</p> <p>Final examination requirements</p> <p>Certification requirements</p> <p>Safety in the workshop</p> <p>Knowledge check</p>
Training Methodology	<p>Presentations.</p> <p>Video.</p> <p>Hard copy.</p> <p>Soft copy data</p>
<h2 style="text-align: center;">Course Information Sheet</h2>	
Course Title	-Valve Inspection & testing
Duration	2-3 DAYS
Who should attend	<p>The course content intends to provide an appreciation and to improve your technical knowledge in the principles of Valve inspection . are not exclusively a maintenance activity and should be considered as essential training for all parts of the organisation; including maintenance, operations and inspection to ensure the associated risks are fully understood.</p> <p>Engineers / Supervisors / Technicians from Maintenance Operations Department, Maintenance Service Department and Inspection & Materials Technology Section.</p>

Course Description	<p>This course gives participant a brief overview of Inspection and Testing of Valves as per API standards. It includes the test description viz Shell, Backseat, Low Pressure, High Pressure on various kinds of valves - Gate, Globe, Plug, Check, Floating Ball and Butterfly Valve.</p>
Prerequisites	<p>There are no required prerequisites for this course.</p> <p>Recommended</p> <p>Piping, Oil & Gas awareness</p>
Course Outlines	<p>Inspection, Examination, and Supplementary Examination</p> <ul style="list-style-type: none"> -Inspection at the Valve Manufacturer's Plant -Inspection Outside the Valve Manufacturer's Plant -Inspection Notice -Extent of Inspection -Examination -Supplementary Examination <p>Pressure Tests & Pressure test Procedure:</p> <ul style="list-style-type: none"> -Test Location -Test Equipment -Tests Required -High-pressure Closure Test -High-pressure Pneumatic Shell Test -Test Fluid -Test Pressures -Test Duration -Test Leakage <p>Comparison between Various international standards</p> <ul style="list-style-type: none"> -API 598

	-ASME 16.34 -API 6D -ISO 5208 -API 600 -DIN EN 12266 -MSS SP-61 Select the correct Safety valve clamping and sealing method Select, understand and apply test standards per valve type / service Understand all test procedures and leak detection methods Do's and don'ts and safe operations Maintenance and calibration
Training Methodology	Presentations. Video. Hard copy. Soft copy data

FAQs: Frequently asked Questions

Following questions have been answered in detail in the course:

1. What is the difference between API 598 and API 6D?

Answer : For low-pressure closure tests, the test medium for API 598 is air or inert gas, whereas the test medium for API 6D is air or nitrogen. Many more differences have been explained in the course.

2. What is API 598?

Answer: API 598 covers the inspection, examination, and testing requirements for resilient-seated, non-metallic-seated, and metal-to-metal-seated gate, globe, plug, ball, check, and butterfly valves.

3. What is API standard for valves?

Answer: API – American Petroleum Institute is the national trade association that represents all aspects of America's oil and natural gas industry.

4. How do you perform a valve test?

Answer: The valve seat tests procedure involves placing a valve under pressure, then measuring the amount of leakage on the other side of the valve.

5. What is the latest edition of API 598?

Answer: As on Sep 2022, latest edition is 10th Edition, October 2016. Published Date: October 2016.