

Valve Operation, Maintenance & Inspection Including Flange Breaking

Introduction

To develop the skills and knowledge necessary for various valves includes; Gate Valves, Gate Valves, Check Valves, Safety Valves, identifications, installation, selection, maintenance and testing.

Objectives

Upon completion of the course, successful participants will be able :

- Identify the type of valves used in the process and their functions.
- Understand the valve design and the material use for the correct applications.
- Understand the valves parts and how it work
- Identify causes of and failures and reasons
- Understand and develop skill on valve seat lapping

Apply relevant method in flange breaking technique and flange connection and disconnection sequence.

Apply Operational Safety approach (Energy Isolation/Prevention method) in flange breaking and installation works.

Who Should Attend

- ✓ Engineers
- ✓ Supervisors
- ✓ Inspectors

Course Fee:

RM 2,200.00
only

Cancellation & Transfer

If you are unable to attend, a substitute participant is welcome to attend in your place at no additional charge. A full refund, less 10% administrative charge, will be given if cancellation is received in writing at least 14 working days prior to the course. A 50% refund and documentation will be given if cancellation is received less than 7 days prior to the course.

Course Instructors

Lead Instructor :

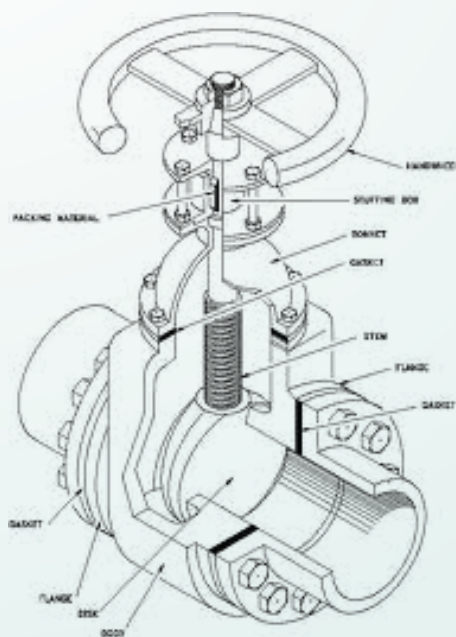
En. Abdillah Kadir

- More than 30 years of hands-on and lecturing/consulting experience in various aspects of maintenance work in oil and gas related industries covering both static and rotating equipment. Specifically been trained by OEM on Safety and mechanical valves overhaul, repair and testing inclusive of the Energy Safety Release Prevention Techniques. Provides Consultancy on safety management system related to safe equipment operations inclusive of various types of valves.
- Involved in setting up competency assessment systems to classify SERBA's group workforce national and internationally ensuring respective group qualification are meeting international code of industrial practices.
- Wrote papers and books on Safety Management Systems and provide consulting services to first Tier Oil and Gas related companies.

Assistant Instructor :

Hj. Awang Daud Pgn. Putera

- A Director of SERBA Group with more than 27 years of hands-on and consulting experience in maintenance of both static and rotating equipment in oil and gas related industries.
- OEM trained competent person in carrying out overhaul, repair and testing of various kind of safety relief valves and other mechanical valves.
- Involved in supervising and managing maintenance projects of SERBA Group worldwide
- Involved in building up the Global Support Field Service Team of SERBA group in ensuring the competency and skills of workers are up to the industrial standards.



Kindly send your registration form and cheque or bank draft, payable to:-

Serba Dinamik Sdn. Bhd.

7-5, ,Pusat Dagangan UMNO Shah Alam, Lot 8, Persiaran Damai, Sesyen 11, 40100 Shah Alam, Selangor.

Registration is on receipt of payment.

Kindly ensure early booking for the limited seats to avoid any inconvenience



Day 1

- Course Introductory Briefing
- Ice Breaking
- Pre Course Evaluation
- (10 Objective and 5 Subjective Questions)
- Summary of Evaluation
- Overview of Valve: Type and Function
- Gate Valve
- Glove Valve
- Discussion and Briefing on Afternoon Activities
- Summarizing morning session activities.
- Practical Activity
- Scenario: Removal of Gate/Glove Valve from elevated location.
 - Application of Procedural and Best Practices (incorporating VCM procedures e.g. Working at Height etc.
 - Flange Breaking Activity
 - Valve disassembly/Inspection/Cleaning/Repair/ Valve Lapping.

- Flanges
 - Flange Faces
 - Flange Connection
- Gasket
 - Gasket Selection
 - Type of Gasket
- Spiral Wound (metallic)
- Non-Metallic
- Re-assembly of valve (Gate Valve).
- Continue on Valve Reassembly
- Installation of Valve to elevated location (Application of Bolting Sequence/ Torque Sequence)
- Pressurize the system
- Hydrostatic test
- Dismantling of Glove Valve / Inspection/ Cleaning.

Day 2

- Recapping Day 1 Activity – Q & A session. Shortfalls noted.
- Fastening Devices in brief
 - Bolts and Fasteners
 - Screw Thread Terminology
 - Bolt/Screw Identification
 - Tightening /Torque Sequence; Best Practices
 - Bolted Joints

Day 3

- Recapping Day 2 Activities and Q&A
- Introduction to Safety Valve (Classroom)
- Reassembly of Glove Valve. (Practical)
- Hydrostatic test of Glove Valve (Practical)
- Safety/ Relief Valve Testing Procedure (Workshop Floor Theory)
- Application of Checklist / Forms
- Safety Relief Valve Testing (Practical)
- Recapping Training Activities
- Q & A
- Course Evaluation
- Post Course Briefing
- Certificate Presentation

Registration Form

Course Fee : RM2,200.00



Yes! Please register the following participants for course

“Valve Operation, Maintenance & Inspection Including Flange Breaking”



I am unable to attend but please put me on your mailing list

No.	Name (Dr/Mr/Mrs/Ms)	Designation

Approving Manager/Contact Person:

Designation:

Company Stamp: