



INSTITUTE OF MATERIAL, MALAYSIA

IMM Mechanical Joint Integrity Training Course

Valve Operations, Maintenance and Inspection Including Flange Breaking Course

Code: VOMI

HRDF claimable

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

Reference standards (reference used shall refer to the latest published document):

- TBA

Who should apply

Engineers, supervisors and inspectors

Objectives

- 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 works
- Identify causes of and failures and reasons
- Understand and develop skill on valve seat lapping

Course topics

- Type and function of valve
- Fastening devices
- Flanges
- Gasket
- Spiral wound
- Non-metallic
- Re-assembly of valve
- Installation of valve to elevated location
- Pressurize system
- Hydrostatic test
- Dismantling of valve
- Testing procedure

Course duration

3 days

Pre-requisite(s)

No previous working experience is required.

Certificate awarded

Certificate of attendance