

CERTIFIED WELDING INSPECTOR

CODE: CWI

The IMM Certified Welding Inspector course is a 6-days certification program comprising of a 5-days theory and practical class sessions and 1-day final written and practical assessments. Participants will be exposed to different aspects of industrial welding technology and fabrication, such as safety, weld inspection, reporting, joint design, welding processes, welding metallurgy and materials behaviours during welding production. Theoretical and practical aspects of inspection techniques such as visual inspection test (VT), weld measurements, MPI, DPI, UT and RT will be part of the training by qualified welding personnel.

In collaboration with



Course Fee

SSTC Member
RM 3,920.00

Non SSTC Member
RM 4,020.00

Fee inclusive:
6% GST, IMM Exam Fee,
IMM Membership,
1-year PRIMOS &
refreshments

Certificate

IMM Certified Welding
Inspector

Course Duration

6-days

**For more information
or registration, contact:**

088.496613/4

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Objectives

- To improve safe welding practices
- To understand the welding practices carried out in their industry
- To implement good welding practices in their industry
- To select right welding equipment in the industry
- To identify common welding defects and ways to overcome them
- To make right selection of electrodes & materials
- To understand WPS, PQR, WQT for repair of pressure & unfired pressure vessels

Course Contents

- Module 1 : Introduction and Safety
- Module 2 : Duty & Responsibility
- Module 3 : Inspection, Test, Plan
- Module 4 : Inspection Report
- Module 5 : Welding Procedures Specification
- Module 6 : Construction Drawings (ISO Process & Instrument Diagram, Details)
- Module 7 : Codes/Standards
- Module 8 : Joint Design
- Module 9 : Construction & Design
- Module 10 : Welding Processes
- Module 11 : Welding Symbols
- Module 12 : Welding Metallurgy
- Module 13 : Materials strength and testing
- Module 14 : Materials Behaviour of Metals
- Module 15 : Welding Defects
- Module 16 : Damage Mechanism
- Module 17 : Non Destructive Evaluation

Who Should Attend

This course is suitable for professionals with working experience in welding and fabrication, who are willing to upgrade their skills according to International standards. Participants can choose any two of the standards from API 1104, ASME IX, AWS D1.1 and ISO 5817 for their assessment.

Pre-Requisites

Education

- SPM or equivalent
- Engineering Diploma in Engineering/Technology
- Vocation Diploma in Engineering /Technology
- Degree in Engineering

Welding Experience Required

- 5 years
- 3 years
- 3 years
- 1 year



SABAH SKILLS & TECHNOLOGY CENTRE

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