



Diploma in Welding Technology Management

(MC-024-3:2012/MC-024-4:2012)

OVERVIEW

The goals of this diploma-level course are to address the demands of employers and other industry stakeholders by fostering a thorough awareness of welding technology knowledge and prospects. The understanding of how to coordinate with clients and third parties, organise welding operations, identify forms and records used in welding documentation, manage welding inspection activities, etc. will be emphasised by the student. The student will get expertise using a variety of procedures to examine and confirm the welding product in accordance with code and standard requirements during the course.

PATHWAY

Employment - Local

Diploma in Welding
Technology Management

ENTRY REQUIREMENTS

SPM
(Pass in Bahasa Melayu
or English)



DETAILS

Duration of Studies

- 2 1/2 Years + 3 months OJT

Total Number of Credit Hours

- 3000 Hours

Mode of Studies

- Full Time

Assessment

- Practical : 70%
- Theory : 30%

Program Delivery

- Lectures - Workshop - Lab Sessions - Lectures
- Practical - Group Discussion

Career Opportunities

- Welder
- Welding Technician
- Helper Welder
- Quality Control (QC)
- Master jeweler
- Mig welder
- Sheet metal worker
- Fabricator/Welder
- Structural iron and steelworker
- Welding inspector
- Tool and die maker

Subject

Level 3

- Shielded Metal Arc Welding (SMAW) For Fillet 1F,2F,3F,4F Butt Weld 1G and 2G
- Shielded Metal Arc Welding (SMAW) for 3G and 4G
- Shielded Metal Arc Welding (SMAW) For 5G and 6G (Up-Hill and Down-Hill)

Level 4

Welding Document Preparation
Welding Material and Consumable Procurement Arrangement
Welding Activity Planning
Welding Activities Supervision
Welding Inspection Activities Coordination
Welding Records and Report Documentation
Welding Safety Activities Implementation