



## SMAW / MMA WELDING 3G

### COURSE OVERVIEW

This programme will train and certify welders in SMAW/MMA Level 3 General Welders.

### CERTIFICATION

A suitable amount of time will be allocated for participants to perform a 3G butt weld.

Certification will be conducted in accordance to an appropriate code e.g. D1.2, ASME IX, BSEN 287, DIN. The examination certificate is awarded by external examiner.

### WHO SHOULD ATTEND

- ✓ Maintenance
- ✓ Welders
- ✓ At least 6 months welding working experience (SMAW/ MMA)

### COURSE FEE (TECH-W03)

**Course Fee: RM 1,680.00 per pax**  
**Exam fee: RM 390.00 per pax**

*(Inclusive of course materials, lunch, refreshment)*

Certificate of Achievement from PESDC will be awarded upon successful completion of the course. A Welder Approval Certificate will be awarded upon passing of the examination.

### COURSE OUTLINE

#### Theory

- **Health & Safety**
- **Codes and Standards**
- **Welding Techniques and Procedures**
- **Welding consumables**

#### Practical

- **Vertical Fillet (3F)**
- **Flat Butt (1G)**
- **Horizontal Butt (2G)**
- **Vertical Butt (3G)**
- **Low & Medium Carbon Steel Plate**

### OBJECTIVES

- ✓ Understand the importance of safety when carrying out welding duties.
- ✓ Able to identify how arc and gas welding works.
- ✓ Able to understand and explain the symbols of welding and its procedures.

### TRAINER

En. Azman Bin Baharom holds a Diploma in Welding Technology from Universiti Kuala Lumpur Malaysia France Institute.

He started his career as a Welder in the construction field in 1986 and became a Fitter for a switchgear manufacturer for 5 years before advancing for a Robotic Technician position in the welding industry. En. Azman then proceeded as an Arc Equipment Technician, Technical Support and finally a Welding Process Specialist in the industry before advancing into the education field.

En. Azman joined a technical university in 2000 as a Technical Assistant and successfully became a Senior Instructor in the Fabrication and Joining section in the institution in 2004.

En. Azman then joined PESDC as a Technical Trainer in Welding Technologies and is fully competent in using the training equipments involved in the welding industry.

**SBL**  
**claimable**

### COURSE DETAILS

**Duration : 5 Days**

**Date :**

**Time : 9.00 a.m. to 5.00 p.m.**

**Venue : PESDC Training Complex**

*For Further Enquiries, please contact:*

**Mr Thillai or Mr Jeremy Lai**

PESDC Training Complex

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