



SMAW WELDING 6G

COURSE OVERVIEW

This programme will train and establish welders with a good and quality welding procedure.

CERTIFICATION

A suitable amount of time will be allocated for participants to perform a 6G butt weld.

Successful participants will be awarded the Certificate by The Welding Institute, UK (TWI) upon passing the examination.

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.

COURSE OUTLINE

1. SAFETY IN WELDING
2. WELDING POWER SOURCES
3. WELDING RELATED TERMINOLOGY
4. DISTORTION AND PREVENTIVE PRACTICES
5. PREHEATING AND POSTWELD HEAT TREATMENT
6. OXY-FUEL GAS CUTTING
7. SHIELDED METAL ARC WELDING
8. SMAW – OPEN BUTT WELDING – PIPE
9. GAS TUNGSTEN ARC WELDING (GTAW)
10. GTAW – OPEN BUTT WELDING – PIPE
11. WELDABILITY OF STEEL
12. WELDING SYMBOL BS499 PT 2 AND ISO 2553
13. WELDING DEFECTS
14. WELDING PROCEDURE
15. PRACTICAL SMAW

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.

COURSE FEE (TECH-W04)

Course fee : RM1,680.00 per pax
Exam fee : RM390.00 per pax
(Inclusive of course materials, lunch & refreshment)

Certificate of Achievement will be awarded upon successful completion of the course.

*SBL
claimable*

For Further Enquiries, please contact:

Mr Thillai or Mr Jeremy Lai

PESDC Training Complex

Jalan Johan 2/2, Kaw. Perindustrian Pengkalan 2
31550 Pusing, Perak

Tel : 05 366 8869

Fax : 05 366 8870

Email : thillai@pesdc.edu.my or jeremyliell@yahoo.com

H/P : 019 542 3158 016 5137368

COURSE DETAILS

Duration : 5 days

Date :

Time : 9.00am to 5.00pm

Venue : PESDC Training Complex