

TRAINING AND CERTIFICATION – 6G-GMAW



Objective:

This course is crafted to enable participants to obtain formal training recognised by the international standards (such as American Society of Mechanical Engineers -ASME IX) in grooved 45 degree 6G GMAW. This course has been accepted by the local oil and gas industry as well as in shipping and fabrication industries.

Course content:

Theory:

- Safety, health and environmental (HSE)
- Introduction to welding
- Pre-heating and heating maintenance
- Welding techniques
- Mechanical properties
- Welding defects
- Welding procedure specification (WPS)
- Repair of welds
- Destructive tests
- Storage and handling of consumables
- Welding inspection
- Welding codes and standards

Practical: Train and practice participants to execute welding of carbon steel in overhead position 6G GMAW

Duration: 5 months

Certification: American Welding Society (AWS) / CSWIP

Entry requirement: Age between 18 – 35, able to read and write, no work experience is required. Participants who have obtained 3G GMAW certificate can continue for another 2 months to get 6G GMAW.

Who can attend this course: This course is suitable for school-leavers who have deep interest to become professional welders working in international work sites.

Outcome: At the end of the training period participants will be able to gain considerable knowledge on safety at work site, able to execute welding as per the required welding procedure specification (WPS) on GMAW for grooved overhead position.

Participants will have the entry level for working in highly regulated oil and gas industry as well as the shipping and fabrication industries.

For further inquiries please contact us:

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