

SHIELDED METAL WELDING ARC (SMAW-1G)

OBJECTIVES

Weld, carbon steel plate of thickness range to 6mm to 9mm, in 1G position by selecting, preparing, setting the plate : using SMAW process and checking the weldment so that the plate is welded according to welding instruction/ procedure and the weldment is free from defect and meet the specified welding standard.

COURSE CONTENT

- Apply safety practise and procedures
- Basic Welding Principle and introduction to SMAW
- Read drawing and specifications
- Welding Techniques
- Manage materials and consumables
- Perform thermal and mechanical cutting
- Metal & filler selection
- Prepare joints/ materials for welding
- Perform welding using SMAW
- Weld carbon steel plate thickness range 6mm to 9mm in 1G position
- Perform quality control/ inspection
- Perform supervisory function
- Perform pre-heating process
- Welding Procedures Specification

WHO SHOULD ATTEND

The program is open to anyone with a talent for welding. Assessment is strictly performance-based, there are no prerequisite courses or certifications required prior to testing.

METHODOLOGY

Theory 30%, Practical 70%

RESOURCE PERSON

Ronny Dingon has been involved in the welding industry for 17 years. He began his career in Singapore Technology Marine in ship building. He return to Sabah after 10 years abroad, to serve with UMS and later as the Head of the Welding Department in Monfort Youth Training centre which includes training student of SKM level 1 & 2 . He was appointed in the welding program technical advisory committee of ILP, Jabatan Pembangunan Sumber Manusia & Akademi Mahir (Sabah) Sdn. Bhd. He was also involved in Project Link under Shell contract as a Grade 6G SMAW welder. He is trained as a vocational training office, SKM level 1, 2, & 3. He recently attended SIRIM – AWS Trained the Trainer certification for 6G Shielded Metal Arc Welding (SMAW).

Sylvester Mujip

Diploma in Mechanical Engineering.

SIRIM – AWS Trained the trainer certification for 6G Shielded Metal Arc Welding (SMAW)

Duration
5 days

SSTC Member
RM 1,537.00

Non SSTC Member
RM 1,590.00

SME Training Grant
RM477.00

*all rates are inclusive of
6% GST

For more information or registration, contact:

Sabah Skills & Technology Centre

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