

Duration: 5 Days

Training Sessions: 20 – 24 August 2018 (Bangkok)

Fees: For Carbon Steel : 49,000 Baht / Person*

Fees: For Stainless Steel : 59,000 Baht / Person*

Fees: For Aluminium Alloy : 69,000 Baht / Person*

Suitable for:

- Welders, Boilermakers and Pipe Fitters wishing to improve their performances and skills based on which a welder qualification may be considered.

Objectives:

To master the MIG / MAG or Semi-automatic welding process and to prepare the related Welder Qualifications (ISO, ASME, EN) At the end of the course, you will be able:

- To weld butt joints in all positions
- To interpret your Welding Procedure Specifications (WPS);
- To prepare your parts to be welded according to the thickness and welding position
- To select the most appropriate filler metal and to set-up your equipment
- To evaluate your welding pool by adjusting the positioning of the torch to ensure a quality weld
- To recognize weld defects and to assess their level of severity depending on the expected welding type
- To implement the necessary corrective actions
- To know and apply rules of hygiene and safety

This course includes practical workshops

Content:

THEORY

- Principles of the process and scope
- Health and safety
- Generators, wire feeders, torches, control boxes
- The different modes of metal transfer
- Pulsed MIG
- Welding parameters
- Gas Welding
- Joint preparation
- Welding methods
- Defects in welds
- Basics of welds inspection
- Interpretation of a Welding Procedure Specification (WPS)
- Macrographic analysis of a weld
- Costs of a weld

PRACTICAL WORKSHOPS

- Carrying out of various assemblies led by an experienced and qualified instructor
- Type of joint: bevel angle, fillet, cover and buff
- Welding position: flat, vertical up & down, horizontal overhead
- Welding of pipe, tubes, shapes and sections (all positions)
- Visual checks of the assemblies (texture and / or radiography)

EVALUATION

- Control of the knowledge acquired
- Corrections and comments

* Excluding VAT - Published prices and schedules are subject to change without advance notification

* Registration fees are inclusive of lunch and coffee breaks