

Duration: 5 Days

Training Sessions: 5 – 9 November 2018 (Bangkok)

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

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

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Suitable for:

- Technicians, Supervisors, and Operators.

Objectives:

To master the submerged Arc Welding process and to prepare the related Welder Qualifications (ISO, ASME, EN).

At the end of the course, you will be able:

- To have the technological knowledge of the process
- To better control the welding parameters and thus their influence on the weld quality
- To select the appropriate filler metal and characterize couples Wire/Flux
- To identify weld defects and to gain the knowledge to correct it
- To inspect the welds

This course includes practical workshops

Content:

THEORETICAL

- Overview of the process
- Principles and characteristics of the process
- Limits of the method
- Equipment
- Filler metal, wire, flux – standards
- Semi-automatic and automatic submerged arc
- Preparation of the joint
- Setting
- Welding methods:
- Number of passes
- Number of cuts
- Defect in welds
- UT-RT-MT-PT-inspection applied to the welding
- Method
- Visual inspection
- Metallographic examination

PRACTICAL WORKSHOP

- Welding assemblies
 - Butt joint
 - Single V butt joint
 - Double bevel joint
- Making deposits with variable parameters
 - Voltage, current
 - Speed
 - Polarity
- Demonstrations of semi-automatic welding under flux

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