

WELDING & JOINING TECHNOLOGY FOR NON – WELDING PERSONNEL

CODE: WJT

This is a one-day Welding Technology Course for Engineering Management Personnel. This course is specially designed for both practicing engineers and technical managers as well as those specifically interested to keep abreast with the current welding technology and wishing to gain some knowledge on how a welding procedure specification (WPS) and a welder through welder qualification test (WQT) being qualified and certified accordingly in the Oil and Gas Industry. Furthermore, using the current effective non-destructive / inspection techniques as quality control tools can be applied to ascertain that quality welds are consistently produced / maintained.

Through this course, managers and engineers who intend to gain an appreciation on managing WPS/WQT can be realized, and thus to broaden their technical knowledge on welding technology relating to maintenance, inspection, alteration and repair of in service metallic systems in order to avoid unplanned shutdown and reduce expenses. Essentially they can make a sound decision on the acceptance of WPS/WQT during welding production and metallic fabrication work.

Objectives

- To apprehend welding technologies and requirements deemed necessary for safe design and construction;
- To understand the key activities in quality control in welding and to know the key welding coordination activities;
- To know the responsibilities of welding co-ordination and to understand the application of ISO 3834 “Quality Requirements for Welding”.

Course Contents

- Introduction
- Welding Quality
- Welding Procedure Qualification
- Welding Processes
- Materials and Weldability
- Welder Qualification
- Welding Inspection

Course Duration

1 day

Who Should Attend

This course is most beneficial to administrative staff, technical management personnel of all levels including junior and senior engineers, inspectors, designers, manufacturers, fabricator, technical managers and practising engineers who are involve in the management and planning of welding and inspection related activities as well as maintenance activities in upstream oil & gas

Certificate

Certificate of Attendance

Language

Course will be conducted in English

Deadline for Registration & Payment

5 working days before start of program