

WELDING INSPECTION

INTRODUCTION

This is a 5-day course that offers a comprehensive theoretical knowledge in welding technology and practical implementation of quality control for engineers, inspectors and supervisors. It enables participants to manage any welding inspection project that require the fulfillment of welding standards and codes practice.

COURSE CONTENTS

- Welding Technology, Welding Process, Welding Material and Welding Consumables
- Welding Metallurgy, Welding Defects, Welding Quality Control
- Welding Standards and Codes for evaluation of element quality
- Welding Inspection by visual, NDT and Destructive Testing Method
- Welding Procedure Development, Welder Qualification Testing
- Management of Welding Quality and Safety

METHODOLOGY

50% Lecture on Welding Technology

50% Practical Welding inspection and evaluation according to popular welding standards (AX<E IX, API 1104, AWS D1.1, ISO 9606, ISO 5718)

QUALIFICATIONS & EXPERIENCE

1. Pass eye test
2. Possess minimum SPM with credits in Mathematics and Science +4 years of experience related to welding
3. Possess Diploma and higher in technical science +2 years of experience related to welding
4. Those who do not have the working experience may sit for the examination but the proficiency certificate will be issued after acquiring the relevant experience.
5. The examination is conducted in accordance to the standards set by the Welding Inspection Certificate Panel, Institute of Materials, Malaysia (IMM), WI-STD-01
6. Those who pass this examination can offer their services, as proficient welding inspectors.

RESOURCE PERSON

Ir. Dr. Edwin Jong is a registered Professional Engineer of Malaysia and a Chartered Engineer of United Kingdom. He is also presently a Council Member and Welding Committee Chairman of Institute Materials Malaysia. Dr. Jong graduated with a Doctorate of Philosophy in Materials Engineering from University of London, UK. He has 17 years in the maintenance and operation for the shallow water sector dealing with materials and corrosion engineering, welding technology, inspection techniques and risk-based inspection (RBI) assessments. He is presently working for Sarawak Shell Berhad/Sabah Shell Petroleum company and has just clocked his 18-year working experiences in the Oil and Gas Industry.

Duration
5 days

SSTC Member
RM 6,360.00

Non SSTC Member
RM 6,466.00

SME Training
Grant
RM 1,939.80

*all rates are inclusive
of 6% GST

For more information or registration, contact:

Sabah Skills & Technology Centre

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