

WELDING INSPECTOR (WI-WI2)

OBJECTIVES

At the end of the course, attendees shall be able to:

- Understand the requirements of relevant codes, standards and specifications;
- Possess an understanding of the relationship between quality assurance, welding and inspection procedures;
- Confirm that welding operators and welders have been properly qualified
- Confirm during welding that only specified and accepted welding procedures are used
- Examine and evaluate welds according to the prescribed inspection procedures;
- Review NDT reports on welding work
- Record welding inspection results
- Implement a system of quality control over the welding and inspection process;
- Possess an understanding of the factors influencing the formation of weld defects
- Interpret weld drawings and specifications
- Compile and maintain detailed weld inspection records
- Meets syllabus requirements for Level 2 – PCN or EN 473

COURSE CONTENTS

The following are some of the training contents with regards to Weld Inspection.

- Responsibilities & Duties of welding inspectors
- A Weld Terminology and Symbols
- A brief explanation to all type of welding processes and equipment
- Welding procedures and welders test
- Thermal cutting processes
- Material Inspections and Steel weld metallurgy
- Weld ability of steels, Stress and distortion
- Post heat treatment, normalizing, quenching and etc.
- Visual examination and dimensional
- Mechanical testing of welded joints
- Weld defects and repairs ,Cracking
- Weld decay in austenitic stainless steel
- Welding consumables
- Welding plant and Arc welding safety
- Welding related specifications and standards
- Weld drawings, understanding and interpretation
- Weld defects related to welding process and prevention.
- Practical – Visual Welding inspection, NDT report assessment according to codes/specifications and reporting.
- Quality assurance – QA/QC and inspection

Duration
8 days

SSTC Member
RM7,239.80

Non SSTC Member
RM7,345.80

SME Training Grant
RM2,203.74

*all rates are inclusive of
6% GST

For more information or registration, contact:

Sabah Skills & Technology Centre

No. 8, Jalan 1C, KKIP Selatan, Industrial Zone 1 (IZ1), KKIP, 88460, Kota Kinabalu, Sabah

Tel: 088-496613/4 (Ms. Jennifer/ Shariffah) Fax: 088-499615,

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VISIT OUR WEBSITE at: <http://sstc.org.my>



WELDING INSPECTOR (WI-WI2)

- Quality assurance – QA/QC and inspection
- Personnel Certification – Welders, Weld Inspector Level 2 and NDT personnel
- Normative documents (codes)
- Appreciation to Non-Destructive Testing (NDT)

WHO SHOULD ATTEND

Technicians, Instructors, Surveyors, Engineers, NDT supervisors, QA/QC inspectors or anyone who is interested in NDT and requiring a general knowledge of NDT methods and ideal preparation for PCN examinations.

RESOURCE PERSON

Razali bin Ahmad is currently an instructor for Welding Inspector with MINDT. He obtained his Civil Engineering's degree at the University of Alabama, USA and has a professional qualification certificate as a Welding Inspector Level 2. Razali has vast experience as a QC inspector for welding.

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