



American Welding Society®

ADVANCING THE GLOBAL WELDING COMMUNITY

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AWS-CERTIFIED WELDING INSPECTOR COURSE & EXAM

About Us

PT. Intergy Indonesia in cooperation with Cotech Group is an accredited international agency for American Welding Society, Florida, USA to conduct seminars and certification programs for AWS in Indonesia.

Course Description

The course will serve as a sound refresher in welding inspection, particularly for practicing welding inspectors and anyone who wants to be an AWS-certified welding inspector. The main emphasis is on what a professional welding inspector should know in actual practice.

Course participants will undergo a rigorous course to get them well versed with the codes/standards in use, the fundamentals of welding inspectors, and actual hands-on examinations of weld replicas with various inspection tools.

Course Content

- ☐ The Welding Inspector
 - ☐ Documents governing welding inspection and control of materials
 - ☐ Weld joint geometry and welding terminology
- ☐ Welding and non-destructive testing symbols
 - ☐ Code Review
 - ☐ Welding procedure and Welder Qualification
- ☐ Welding, Brazing and Cutting Processes
 - ☐ Welding Metallurgy for the welding inspector
- ☐ Mechanical and Chemical Properties of Metal
 - ☐ Destructive Test
 - ☐ Weld and Base Metal Discontinuities
 - ☐ Non-Destructive Testing
- ☐ Non-Destructive Testing
 - ☐ Visual Inspection as an Effective Quality Control Tool
- ☐ AWS CWI Examination

Pre-Requisites for Examination Participants

Certified Welding Inspector (CWI) Level

- ▣ Minimum of 5 year industry experience or
- ▣ Minimum of 3 year industry experience with degree/diploma holders in engineering, technology, engineering physics or physical science

Certified Associate Welding Inspector (CAWI) Level

- ▣ Minimum of 2 year industry experience or
- ▣ Minimum of 6 month industry experience with degree/diploma holders in engineering technology, engineering physics or physical science

Both CWI and CAWI examination candidates are required to pass an eye examination.

Who Should Attend

All personnel whose responsibilities are in making decision, exercising of judgment concerning welding operations in the following industries.

Oil and Gas, Manufacturing, Petrochemical, Power Generation and Power Stations, Ship Building/Ship Repair and Construction, Offshore Fabrication, Railways, Service and Maintenance and Metal Fabrication.

Further Information

PT. Intergy Indonesia

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