

AWS (CWI) - CERTIFIED WELDING INSPECTOR



Duration: 6 Days

PROGRAM OVERVIEW

This course offers comprehensive theoretical knowledge in welding technology, emphasizing on the welding quality services, including quality control, welding inspection, materials, metallurgy, associated activities, and certified competent personnel (international) to conduct the related welding inspection as per code & standards requirement.

OBJECTIVES

Candidates will demonstrate the requisite comprehensive knowledge in welding technology, skills, and abilities to earn this prestigious credential and become one of the certified competent weld inspector personnel that play a big role in the industry to minimize the weld discontinuities, decrease the repairing cost/rate, reduce risk, and helps to increase sales while meet the criteria and standards requirement.

WHO SHOULD ATTEND?

Engineers, Supervisors, Foremen, QAQC personnel

COURSE OUTLINE

Day 1 to 5 Theoretical class
Day 6 – Examination Test

COURSE CONTENTS

Part A – Fundamental Theory (10 topics)

- Safety practices in welding
- Weld process & Cons.
- Weld Inspection & certification
- Weld joint geometry & symbols
- Etc

Part B – Visual inspection workshop

Part C – Code & Standards clinic

- AWS D1.1
- API 1104 or ASME IX

CWI Examination

- Part A - Fundamentals Exam
- Part B - Practical Application Exam
- Part C – Code Standards Exam

**Important note: candidates are requiring to earn a minimum score of 72% on each part of the exam (Part A, Part B, & Part C).*

**INTERNATIONAL CERTIFICATION BODY
By AWS certification**



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