

Welding Inspection

Course Length: 3 day (24 hrs)
Cost: \$750
Instructor: Reggie Thomson



This class is designed for pressure equipment inspectors and engineers working in refineries, chemical plants, gas plants, pipeline terminals, and oil fields.

Course Overview

This course helps the inspector become a knowledgeable welding inspector. The course content includes:

- Common Welding Processes
- Weld Procedure Qualification
- Welder Qualifications
- Weld Discontinuities
- Welding Symbols
- Final Exam – Written and Practical

Objectives

The course provides participants with the knowledge necessary to:

- Explain the application and limitations of the common types of welding processes used in the petrochemical industry
- Inspect production welds
- Identify and evaluate basic welding discontinuities
- Explain the purpose of qualifying welding procedures and welders
- Select appropriate weld procedure(s) for needed welding
- Assure that the welders performing production welding are qualified for specific production welds
- Effectively use parts of ASME B&PV Section IX

Class Participants

Suitable candidates will have 1-3 years of experience at a petrochemical facility. Inspector candidates should also have at least 6 months of inspection experience. There are no class prerequisites, but helpful courses include: *RT Film Interpretation*.

Notes

This course is an instructor-led class. A class manual with parts of ASME B&PV Section IX will be provided for use in this class.

Bring to Class

Students should bring to class: a calculator, pencil, highlighters, and a willingness to learn.

This class meets the API requirements for CPD hours.

“A wise man will hear and increase in learning.”