

# ***RT Film Interpretation***

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

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

## **Course Overview**

This course helps the inspector become a competent interpreter of wall and weld-quality radiographs. The course content includes:

- Principles of Radiography
- Evaluating Film Quality
- Weld Discontinuities
- Evaluating Welds
- View Sample Films
- Final Exam – Written and Practical

## **Objectives**

The course provides participants with the knowledge necessary to:

- Understand how radiography is used to find weld defects
- Understand how RT is used to find corrosion and wall thickness.
- Understand safety requirements associated with radiography
- Understand the difference between Film, CR and DR.
- Evaluate discontinuities using various pressure equipment codes
- Identify basic welding discontinuities in actual radiographs
- Evaluate the radiography film quality using ASME B&PV Section V

## **Class Participants**

Students should have 1-3 years of experience at a petrochemical facility. Inspectors should also have at least 6 months of inspection experience. There are no class prerequisites, but helpful courses include: *Welding Inspection*.

## **Notes**

This course is an instructor-led class with lots of “hands-on” training using actual radiographs. A class manual and parts of ASME B&PV Section V will be provided for use in this class.

## **Bring to Class**

Students should bring to class: a calculator, pencil, highlighters, lots of questions, and a discerning set of eyes.

**This class meets the API requirements for CPD hours.**

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