



American Petroleum Institute (A.P.I.) Certification Scheme

A.P.I. 570 Certified Piping Inspector

Code: API570

HRDF claimable

The main emphasis of this program is on promoting safety and maintaining optimal performance through the use of inspectors specialized in process piping systems. It provides the oil, gas and petrochemical Industry with the assurance that piping inspectors trained and certified under this internationally recognized program have the required knowledge and experience for the job in the field.

Course participants aspiring to be certified by American Petroleum Institute will undergo a rigorous program to get them well versed the various code books and standards including A.P.I. standards that cover inspection, repair, alteration and rerating of in-service piping system.

Course content

- (1) Terminology
- (2) Overview: A.P.I. 570, piping system inspection, repair, alteration and rerating
 - Introduction
 - Scope and general information
 - Design
 - Deterioration and failure modes
 - Inspection methods
 - Case studies in piping system failures
 - Periodic inspection requirements
- (3) Inspection, repair, alteration and reconstruction
- (4) Welding metallurgy: corrosion mechanisms
- (5) Guide for inspection of refinery equipment, A.P.I. 571 & 574
- (6) ASME Section V
- (7) A.P.I. 1104
- (8) Overview: ASME section IX
- (9) Report writing
- (10) Summary

Course duration

5 days

Who should attend

Applicable to all personnel working in the oil, gas and petrochemical industry and who are involved in the design, procurement, engineering construction, operation, maintenance and inspection of in-service piping systems and related facilities

Pre-requisite(s)

Kindly refer "<http://www.api.org/products-and-services/individual-certification-programs>"

Certificate

A.P.I. 570 Certified Piping Inspector

