



BOILERMAN COURSE

GENERAL OVERVIEW

Boiler is an important and critical equipment in plant operations. Improper handling, human error, and management flaws continue to cause near miss accidents, loss of life, and equipments. It is mandatory that only competent boilermen operate boilers and pressure vessels. As such this course would provide adequate support to deal with intricate problems in boiler maintenance effectively.

OBJECTIVES

This program is to create a career path for boiler operators and technicians to obtain the above-mentioned certificate, and to operate and maintain boilers efficiently. Participants will be exposed to the knowledge of boiler operation & maintenance with relevant examples and case studies on boiler failures. By attending this course the participants can benefit in the reduction of downtime costs with proper boiler management insights, and will be more confident in their boiler oral examinations.

COURSE OUTLINE

- Introduction
- Pre Oral Evaluation
- Safety and Health in Boiler Management
- Ideal Boiler Management
- Case Studies & Discussions
- Boiler Fittings
- Steam Generation and Principles
- Materials Used in Steam Plants
- Combustion System
- Water Treatment
- Steam Trap Operations and Maintenance
- Boiler Failure Analysis
- Factors Responsible for Boiler Failures
- Factories and Machinery Act
- Managing corrosion in boiler systems
- Steam Turbine Operation & Maintenance
- Post Oral Evaluation



**CERTIFICATION WILL BE CONDUCTED
IN ACCORDANCE TO AN APPROPRIATE
CODE AS PER:**

AWS D 1.1, ASME IX, BS EN 287

**CERTIFICATION BODY
ABS , AWS**



DURATION

4 Days

**100 % HRDF CLAIMABLE
UNDER SBL SCHEME**

WHO SHOULD ATTEND

Boilerman and Mill Fireman