

Boilers Operation and Steam Generation

Z MEC-07

Duration :

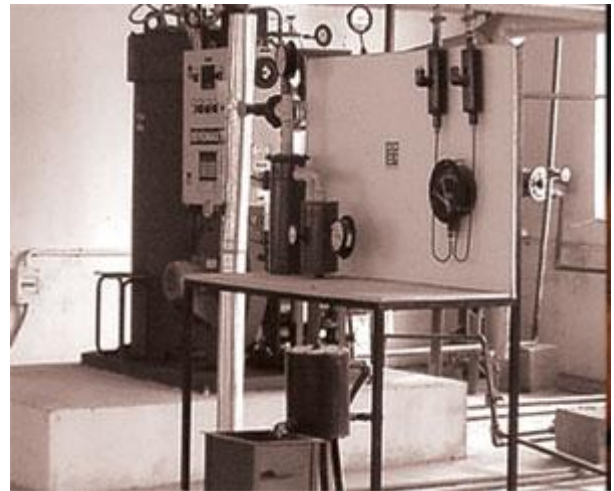
Three days 18 Hours

Who Should Attend :

Process engineers and technicians

Language :

Arabic, English



Overview

This course provides a general description of boilers types and a short review of combustion fundamentals which are basic to an understanding of boiler operation. The course covers the calculation of boiler efficiency and reviews measures that can be taken to improve efficiency. Finally discusses important aspects of boiler inspection, safety and maintenance and concluded with technical appendices

Topics

- Introduction
- Types of boilers
- Review of combustion fundamentals
- Boiler fuels
- Burners
- Boiler operation
- Boiler controls and instrumentation
- Efficient boiler operation
- Ancillary systems
- Boiler maintenance
- Case studies