

**Course Overview:**

Boilers are hazardous piece of equipment to operate. It is vital that operation engineers and technicians obtain the necessary information about safe preparation, start-up, operation, trouble shooting and shut down in a proper way. The course provides the responsible personnel with the specific knowledge they need.

**Course Objective:**

Give an understanding of the boiler and to outline trends in the management and control of boiler plant in order to achieve high levels of efficiency and safety with smooth operation, and introduce boiler operators to the equipment of daily and weekly testing and safe, efficient best practice.

**Course Outline:**

- Combustion In Steam Generation And Fuel Analysis
- Steam Generator Theory
- Steam Generator, Auxiliaries, Design And Construction Antifriction Bearings
- Boiler Performance And Efficiency Calculation
- Fossil Fuel Boiler Operation

**Who Should Attend:**

All technical categories of personnel who deals with boilers Junior design engineers, boiler inspection engineers, and technicians are typical attendants too.

**Training Language:**

EN / AR

**Training Methodology:**

- Presentation & Slides
- Audio Visual Aids
- Interactive Discussion
- Participatory Exercise
- Action Learning
- Class Activities
- Case Studies
- Workshops
- Simulation