



Industrial Boiler Operation & Maintenance

Date	Venues	(\$)Fees	Book your seat
24 Mar -28 Mar 2024	Cairo	2900	Register Now

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

- **Combustion in steam generation and fuel analysis**
- **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.

Course Outline

- **Combustion in steam generation and fuel analysis**
 - Combustion and types of fuel
 - Fuel combustion
 - Fuel analysis
 - Element of Combustion
- **Boiler performance and efficiency calculation**
 - Introduction to normal operation
 - Factors affecting on efficiency
 - Efficiency calculation
- **Fossil fuel boiler operation**
 - Light oil processing
 - heavy oil processing
 - burns and atomization
 - boiler flame observation
 - preparation of startup
 - boiler warm-pup
- basic shut down procedures

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



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