



## Industrial Boiler Operation & Maintenance

| Date                | Venues          | (\$)Fees | Book your seat               |
|---------------------|-----------------|----------|------------------------------|
| 26 May -30 May 2024 | Sharm El-Sheikh | 2900     | <a href="#">Register Now</a> |

### 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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