



## Boiler Level Control

Date	Venues	(\$)Fees	Book your seat
11 Feb -15 Feb 2024	Cairo	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, startup, control, operation, trouble shooting and shut down in a proper way. The course provides the responsible personnel with the specific knowledge they need.

### Course Objective

Concepts of automatic control.

- Working and maintenance of Temperature, Pressure, Flow, Level and other measuring equipment.
- Operation and maintenance of various types of Transmitters, Controllers, Actuators, Valve Positioners and control valves with their characteristics.
- Boilers controllers-Boiler water level controller and Air/Fuel combustion controller.
- Operation and maintenance of the Automatic Controller along with calibration.
- The operation and maintenance aspects of the Programmable Logic Controller.

### 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

- Boiler –Fundamentals
- Steam Generation
- Heat Transfer
- Temperature
- Heat Classification
- Level Switches
- Primary Requirements Of A Boiler
- Boiler Accessories
- Boiler Mountings
- Pressure Gauge
- Fusible Plug
- Steam Stop Valve

- Feed Check Valve
- Blow Off Cock
- Mud And Man Holes
- Combustion Control For Boilers
- Control And System Operating Philosophy
- Combustion Control

#### Training Methodology

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



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