
Boiler Control System

DURATION

3 Days

PARTICIPANTS

The target audience would include Instrument Engineers, process control system engineers, managers, project engineers, chemical engineers mechanical, electrical engineers, operators, and technicians in boiler houses and power plants.

YOU WILL LEARN

When working with boilers, regardless what process control system is used or fuel being burned, five basic functions must be controlled —furnace draft, drum level, feed water, fuel air, and steam temperature. you will learn what must be controlled and how the control systems operate.

COURSE CONTENT

- Boiler Components
- Defining PID control
- Cascade control, Ratio control and Feedforward control
- Draft, control
- Drum level control
- 1, 2 and 3 element feed water control
- Boiler swell and shrink
- Fuel air control
- Steam temperature control