

INSTRUMENTATION & ELECTRONIC COURSES

AUTOMATIC CONTROL FOR BOILERS (IE25A)

OBJECTIVE:

To train engineers and technicians that work in the field of industrial boilers with the concepts of boiler automatic control systems and to understand measurement principles of boiler common variables.

WHO SHOULD ATTEND?

This course is intended for beginner engineers, technicians and supervisors.

COURSE CONTENT:

- Automatic Control Loop Types
- Boiler Control Loops
- Drum Level Control
- Air/Fuel Ratio Control
- Programmable Logic Controllers and its Application on Boiler Control
- Basic Components of PLC Systems
- Firing Shutdown Sequences
- Measurement and Final Control Elements of Boiler
- Boiler Control System Maintenance
- Troubleshooting

Duration: 5 Days

Date:	Venue:	Cost:
Jan 17-21	Dammam	SR 7,000
Apr 11-15	Riyadh	SR 8,000
Aug 8-12	Dammam	SR 7,000

BASICS OF AUTOMATIC CONTROL (IE26A)

OBJECTIVE:

To train engineers and technicians that work in the field of petroleum industries with the basic concepts of the automatic control systems and to understand measurement principles of common variables.

WHO SHOULD ATTEND?

This course is recommended for beginner engineers, technicians and supervisors.

COURSE CONTENT:

- Pressure Measurement
- Temperature Measurement
- Flow Measurement
- Level Measurement
- Indirect Methods of Level Measurements
- Automatic Control Systems
- Components of an Automatic Control Loop
- Automatic Control Loops Modes
- Types of Control
- Automatic Controller Adjustments

Duration: 5 Days

Date:	Venue:	Cost:
Feb 21-25	Dammam	SR 7,000
May 9-13	Jubail	SR 8,000
Aug 15-19	Dammam	SR 7,000