



A 2- day intensive program on

22-23 APRIL 2010

JW MARRIOTT HOTEL
KUALA LUMPUR

BOILERS

- Design, Construction, Commissioning,
Operations, Maintenance & Repair

OBJECTIVES

This course is a two day intensive course concentrating on the following main topics:

1. Design, Construction and Commissioning
2. Operations
 - a. Losses due to Incorrect Operations
 - b. Losses due to Fuel & Inefficient Heat Management
 - c. Losses due to poor operational practices
3. Maintenance and Repair
 - a. Leak Testing and Repair
 - b. Boiler Tube Replacement
 - c. Boiler Drum Leak Test and Repair
 - d. Water Demineralization System

The course will discuss the new technology that is now available on a commercial basis to practically ELIMINATE water treatment chemicals costs associated to make – up water, thus further enhancing operational efficiency of the system.

METHODOLOGY

Participants learn through lectures with interactive presentation (Questions & Answers). The program is designed with case studies, review and discussion. As the subject progresses, active audience participation is encouraged along the entire course with open forums and Question & Answers.

FOCUSING ON

- Boiler Types, Classification, Components And Application
- Boiler Systems
 - Combustion System
 - Water System
 - Steam System
- Interlocks And Trips
- Boiler Operations
 - Make – Up Feedwater Supply
 - Start Up And Shutdown Procedures
- Boiler Performance And Efficiency
- Maintenance & Repair
 - Corrosion
 - Relief Valves
- Best Practice – Condensate System
- Air System
- Fuel System
- Blowdown System
- Welding

WHO SHOULD ATTEND

- Managers
- Steam Production Operators and Maintenance Personnel
- Design Engineers
- Maintenance Engineers, Superintendents and Personnel
- Service Engineers
- Newly hired Engineers
- Consultants
- Chemical Treatment Specialists
- Technical Assistants
- Boiler Engineers
- Project Engineers
- Contractors
- M & E Foremen
- Technicians

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