



Utility Boiler Operations

Course DESCRIPTION (4½ Days)

This instructor-led course is designed for plant operators and managers in the power industry, but will be of interest to personnel with management, operations, maintenance or supervisory experience who wish to learn more about power plants with large utility type boilers. System operators/dispatchers will also find the material covered in this course beneficial for system operations and planning.

Prerequisites

Students should have a plant operations and/or maintenance background and responsibility for operating or maintaining the facility.

Who Should Attend?

This course is designed for personnel with, at minimum, basic power plant knowledge. It is most applicable for operations personnel.

Course CONTENT

- Steam and Water Fundamentals
- Basic Concepts of Heat Transfer
- Basic Metallurgy
- Boiler Systems
- Boiler Auxiliary Equipment
- Principles of Control
- Boiler/Plant Operations
- Factors Affecting Plant Efficiency
- Operators Controllable Losses

Course OBJECTIVES

At the end of this course, students should be able to:

- Discuss steam and water fundamentals, heat transfer concepts, and basic metallurgy
- Describe factors affecting plant efficiency
- Discuss the operation of boiler auxiliary equipment
- Describe different types of process controls for boilers and turbines



REGISTRATION

Customized classes and site-specific training are available. Call GP Strategies™ Energy Services for pricing and course details. To obtain more information, visit us online at <http://fossilfuelcourses.gpstrategies.com/reg/> or call 800.803.6737.

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