



Peak[®]150 Control

CLASS OBJECTIVES:

Upon successful completion of this course, the student will be able to:

Demonstrate a strong foundation on governor control theory pertaining to the Peak[®]150 steam turbine controls. Field program and tune the controls and stroke the actuators.

Demonstrate an understanding of the different modes of operation such as; manual start, semi-automatic start, automatic start.

Describe the different types of control such as speed/load, cascade, auxiliary, remote and extraction/admission control.

Demonstrate an understanding of the operation and reason for a steam map.

SOUTHEAST

Phone: +1 954-462-7404

Toll free: 877-659-6328

GULF COAST

Phone: +1 985-626-8707

Toll free: 888-427-4853

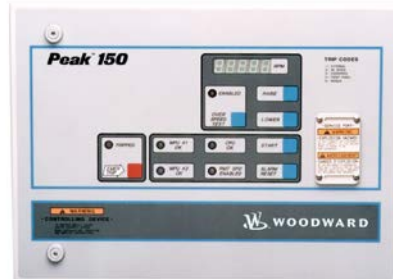
MID-ATLANTIC

Phone: +1 757-852-5808

Toll free: 877-659-6328

PACIFIC NORTHWEST

Phone: +1 206-297-0300



Peak[®]150

Learn about the application, installation, and operation of the Woodward Peak[®]150 digital steam turbine controls used on steam turbines in mechanical drive applications. Hardware and software will be explained, programming demonstrated and the control connected to a closed loop test set. This class will provide you the opportunity to learn more about the Peak[®]150 steam turbine control. Ideal for those who need the understanding of how the Peak[®]150 control, actuators, and their associated accessories allow their turbines to operate together, either on or off the infinite bus (utility) or operating a mechanical drive.

CLASS OUTLINE:

A. Overview of the Peak[®]150 hardware

Review of the two-line display and keyboard.

Review of the inputs and outputs including correct customer wiring.

B. Control Functionality (Hardware and Software)

Description of the possible functions of the control system.

Detailed review of the operation of each of the different functions and how they relate to each other.

Discussion of the configuration procedure and hands on operation of the control system.

C. Overview of the Peak[®]150 hardware

Overview of the Peak[®]150.

Review of the inputs and outputs including correct customer wiring.

Review of the Peak[®]150 PC Interface (PCI).

D. Control Functionality (Hardware and Software)

Description of the possible functions of the control system.

Detailed review of the operation of each of the different functions and how they relate to each other.

Discussion of the configuration procedure and hands on operation of the control system.

E. Discussion of Related Components that integrate with the Peak[®]150

