



## 505/ 505E Steam Turbine Controls

### **CLASS OBJECTIVES:**

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

The goal of this training session is to familiarize operations and maintenance personnel with the installation, programming, operation, maintenance, and troubleshooting of the 505/505E digital steam turbine control. At the conclusion of the training session, the student should be able to install, program, and operate the 505/505E digital steam turbine control. A 505 control will be operated while connected to a closed loop test set simulating a steam turbine.

#### **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



### **505 / 505E Controls**

The goal of this training session is to familiarize operations and maintenance personnel with the installation, programming, operation, maintenance, and troubleshooting of the 505/505E digital steam turbine control. At the conclusion of the training session, the student should be able to install, program, and operate the 505/505E digital steam turbine control. A 505 control will be operated while connected to a closed loop test set simulating a steam turbine.

This class will provide the opportunity to learn more about the Woodward 505/505E steam turbine control. The training is directed toward plant personnel involved in the application, operation, and maintenance of steam turbines and control systems utilizing the 505/505E.

### **CLASS OUTLINE:**

#### **General information**

- Steam turbine basics
- Applications
- Control features

#### **Installation**

- Hardware
- Wiring

#### **Control description**

#### **Configuration**

- Programming
- Calibration

#### **Operation**

- Keypad & display
- Overspeed test
- Dynamic adjustment

#### **Communications**

