



Steam Turbine Control



70 East Beaver Creek Rd,
Unit 10, Richmond Hill, ON
L4B 3B2
416 907-3844

2 Day Program Training Agenda 505 / 505E Digital Control for Steam Turbines

COURSE OBJECTIVE

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 control. A 505 control will be operated while connected to a closed loop test set simulating a steam turbine.

THE FOLLOWING TOPICS WILL BE COVERED:

- ❖ General Information: Steam Turbine Basics, Applications and Control Features.
- ❖ Installation: Hardware and Wiring.
- ❖ Configuration: Programming and Calibration.
- ❖ Operation: Keypad and display, over speed test and dynamic adjustments.

STEAM TURBINE CONTROLS

- ❖ 505 / 505E Controls

Student will have an opportunity to establish communication with the controllers and perform initial configuration from factory default settings. Understand the parameters and settings that apply to a specific application.

PRICE

\$935.00 CAD

Minimum 3 Student booking required

ATTENDANCE

3~5 Students per session, allowances can be made available for a larger volume, please advise.

8:00am ~ 4:00pm

Student will have an understanding of the following concepts:

- ❖ Woodward 505/505E steam turbine control theory and turbine parameters, installation, wiring, operating procedures, programming, and troubleshooting.
- ❖ Programming, adjustments and troubleshooting techniques on the 505 connected to the simulator with specifically designed examples.
- ❖ Operate the control within a closed loop test set.

The following will be provided:

- ❖ Communication cables and adapters
- ❖ Softwares & drivers
- ❖ Classroom accessories
- ❖ Breakfast & Lunch(at Madsen facility)

Note: Students are required to bring Laptops
Compatible operating systems: WinXP, Win7

CONTACTS

MADSEN CONTROLS & ENGINEERING

Richmond Hill, Ontario.

Khalid Hussain

Senior Account Manager

(416) 907-3844

khalid.hussain@Madsen.ca

MADSEN DIESEL & TURBINE

St. John's, Newfoundland.

Trevor Porter

Technical Manager

(709) 726-6774

trevor.porter@madsen.ca

www.madsen.ca