

## Introduction to Steam Turbines

OEM: Rockwell Automation • Duration: 3 Days (24 hrs) • Code: MUS-125

### COURSE MODULES & TOPICS

#### Objectives

- Describe the function of a steam turbine
- List and describe the major components of a steam turbine
- Describe the basic operation of a steam turbine
- Discuss factors that affect turbine operation
- Discuss maintenance activities associated with a steam turbine
- Troubleshoot common turbine problems

#### Student Materials

- Student Manual includes the key concepts, definitions, examples, and activities presented in this course
- Lab Guide includes the hands-on exercises

#### Next Level Learning

- Boiler Fundamentals course (MMS-120)

#### Course Agenda

##### Day 1

- Function of a Steam Turbine
- Operation of a Steam Turbine

##### Day 2

- Components of a Steam Turbine
- Steam Turbine Maintenance

##### Day 3

- Troubleshooting of a Steam Turbine
- Written Exam

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