
Steam Turbine / Generator Daily Maintenance (STDAY-5)

Objectives

The steam turbine daily preventive maintenance training is designed to teach operation and maintenance personnel the concepts of preventive maintenance, routine inspections and site equipment specific preventive maintenance recommendations of the Siemens steam turbine and its associated systems. Upon completion of this course, the participants are expected to be prepared for on-the-job training in plant preventive maintenance procedures and development of the site preventive maintenance program.

Target Group

Power Plant Maintenance personnel.

Content

The following topics are representative of those covered in the course. Actual course content is customized to the specific plant configuration.

- Introduction:
 - Preventive maintenance philosophy
 - Safety considerations
 - Overview steam turbine and auxiliary systems
 - Operating hour counter
- System Preventive Maintenance of GT:
 - System function overview
 - Identify equipment requiring preventive maintenance
 - Periodicity guidelines
 - Gathering specific component data
 - Applying vendor recommended maintenance
 - Developing site specific maintenance program
- Administration:
 - Service bulletins & technical advisories
 - Technical advisories
 - Trending parameters
 - Maintenance records
 - Equipment history

Prerequisites

- Knowledge of power plant fundamentals is mandatory
- Participation in the course Basic Operation Training for Gas Turbine (BOTST-5) is recommended

Note

Language: German, English

Location: O&M Training Center in Erlangen, worldwide on site or remotely via web-based simulator.

Contact E-Mail: operation-training.energy@siemens-energy.com

Type

Face-to-face training

Duration

5 days

Language

en