

Siemens Gamesa - SG Training Web

SE-P-09910

Commissioning and Troubleshooting Platform Gamesa Technology

Purpose

The overall purpose of the course is for the participants to understand, demonstrate, and apply system knowledge, to be able to perform commissioning and troubleshooting tasks, specific to a Gamesa technology turbine.

Who should attend?

The course is intended for technicians progressing to the Profiles:
Competent Technician Commissioning
and/or
Troubleshooter

Objectives

Upon completion of the course the participants must be able to:

Knowledge:

- Explain the functional differences of the converters
- Explain the commissioning tasks for the various systems
- Point-out the interconnection between the electrical system to the mechanical, cooling and hydraulic systems
- Describe the theory of operation of the various systems

Skills:

- Analyze the operational process of the converter
- Design a testing strategy using the seven step process when given a set of facts on an actual system fault
- Use the correct tools for testing an induced fault based on the testing strategy created based on the information given
- Identify the required technical documentation needed to analyze and test the system fault
- Create a statement to describe the system fault, reason of failure, and the steps taken to find and correct the fault

Behavior:

- Work following established safety procedures
- Apply Troubleshooter philosophy

Theory / Practice

60% / 40%

Prerequisites

SE-P-85400 General Electrical Awareness eLearning course
SE-P-05015 Regional AM General Electric Awareness Refresher

SE-P-09860 TPT Gamesa Geared Platform course

SE-P-09920 C-T Gamesa Controller course

The participants should have a functional laptop with administrative access.

The participants should have a functional SEFE DS and have access to it.

The participants should be able to read and understand the course language.

Siemens Gamesa - SG Training Web

SE-P-09910

Commissioning and Troubleshooting Platform Gamesa Technology

Notes

Validity

No Expiry

- For getting access to SEFE please follow the guide in the below link:

[Explore IT - SEFE DS - How to install and authenticate \(siemensgamesa.com\)](https://www.siemensgamesa.com/Explore-IT-SEFE-DS-How-to-install-and-authenticate)

Export control

AL-Number: N/A

ECCN: N/A