Siemens Gamesa - SG Training Web

SE-P-50545

SGTT - Gearbox Inspection and Oil Sampling

Purpose

The purpose of this course is to provide the participant with hands on experience of the procedures for inspecting gearboxes, including identifying different types of damage to teeth and bearings as well as establishing the root cause. Additionally, this course covers oil sampling and the ISO4406 standard.

Who should attend?

The course is intended for Siemens Gamesa employees, customers and 3rd parties who perform tasks on gearboxes including oil sampling.

Objectives

Upon completion of the course the participants are able to:
Understand how to choose the correct documentation for performing gearbox inspection and how to take an oil sample
Apply the technical documents and perform work procedures for gearbox inspection and taking an oil sample
- Perform a gearbox inspecting in accordance with Work Instruction
- Perform exchange of an inline filter and classify pollution levels
- Perform extraction of a gear oil sample in accordance with Work Instruction

Upon completion of the course the participant have obtained the following competencies:
- Select technical manuals and documentation for gearbox inspection and how to take an oil sample
- Perform a gearbox inspection in accordance with a Work Instruction
- Exchange an inline filter and classify pollution levels
- Extraction of a gear oil sample in accordance with a Work Instruction
- Fill out appropriate checklists when working in the turbine

Prerequisites

Read and understand English.
SE-P-50510 SGTT - General Technical Safety Awareness eLearning OR SE-P 07900 Technical Safety Training
SE-P-50540 SGTT - Gearbox Inspection and Oil Sampling eLearning
Recommended:
Due to the nature of the content and the learning purpose it is recommended that the participant has the competence acquired on the following training modules, prior to course commencement.
SE-P-50410 GWO BTT Mechanical
SE-P-50430 GWO BTT Hydraulic AND SE-P-50420 GWO BTT Electrical OR SE-P-06000 SWP Basic Turbine Electricity And Hydraulics

Contents

Theory / Practice
15% / 85%

Notes

Validity
No Expiry

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Export control

AL-Number: N
ECCN: EAR99