

Siemens Gamesa - SG Training Web

SE-P-50450

GWO Blade repair

Purpose

The aim of this module is to enable participants, through theoretical and practical training, to support and care for themselves and others working in the wind industry by possessing the necessary knowledge, skills, and ability for blade repair.

Who should attend?

Technicians under SGBTCF framework

Objectives

After having successfully completed this GWO Blade Repair module, the participants will have the ability to:

- Take responsibility for working safely with applicable chemicals, while utilizing the applicable personal protective equipment in a controlled manner throughout all phases of blade inspection and repair work (Ability, Intermediate level)
- Explain typical types of blade construction, materials and the importance of surface finish relating to aerodynamic performance and efficiency (Knowledge, intermediate level)
- Distinguish between and work safely in a controlled manner with epoxy, polyester, polyurethane, vinyl ester, methacrylate, reinforcement materials and solvents related to composite inspection and repair work (Skills, intermediate level)
- Take responsibility for preparing, operating, and maintaining the correct tools and equipment, be it electrical or mechanical (Ability, intermediate level)
- Take responsibility for safely performing and documenting laminate, sandwich panel and surface layer repairs in accordance with a work instruction in glass fibre reinforced composite parts (Ability, intermediate level)

Theory / Practice

30% / 70%

Notes

Validity

No Expiry

Export control

AL-Number: N

ECCN: EAR99