

# Siemens Gamesa - SG Training Web

SE-P-16800

## Advanced Structural Blade Repair

### Purpose

The overall aim of the course is to enable the participant to expand their knowledge and skills to perform Advanced Blade structural repairs on WTG blades within SGRE area of responsibility according to work instructions and other relevant documentation.

### Who should attend?

This course is intended to Siemens Gamesa Renewable Energy's and approved subcontractor's employees whose duties include advanced repair and complicated blade structural damages on Blades within SGREs responsibility.

### Objectives

Upon completion of the course the participants are able to:

- Demonstrate execution of repairs according to relevant Work Instructions (WI) and Checklists (CH)
- Demonstrate safe and proper handling of grinding/sanding machines and the usage of the appropriate PPE according to relevant safety rules in the work instructions.
- Practice repair quality as specified in the work instructions.
- Discuss and argue why the repairs is of bad quality.
- Show how to use appropriate PPE according to relevant work instructions with respect to the material (filler, paint and resin etc.) being used.
- Demonstrate how to document (Photo card, Check lists, etc.) the repair work both before during and after repair work.
- Show how to work safely with epoxy, mixing 2-component material and handle it as specified in the relevant Safety Data Sheet (SDS).
- Demonstrate and perform quality control on own and others' fiberglass repair work with relevant technical explanation according to work instructions.
- Demonstrate correct sorting of waste.

### Prerequisites

Course prerequisite are:

- SE-P-16700 Structural Blade Repair course
- SWP-UP-10297 DK AMU Epoxy Certificate (upload module: UP-10297). To find approved training provider, please search [www.amukurs.dk](http://www.amukurs.dk) or Tech College Aalborg. 2 days course Personal safety when working with epoxy and isocyanates.

Notice: The 4 Epoxy and/or Polyester Safety eLearnings listed under course number SE-P-16940 are NOT valid for attending the course in Denmark,

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### Notes

#### Recertification

The recertification for Advanced Structural Blade Repair SE-P-16800 certificate is as follows:

After 1 year: SE-P-16820 Advanced Structural Blade Repair Refresher - Written Test (eLearning)

After 2 years: SE-P-16810 Advanced Structural Blade Repair Refresher (classroom).

Following refreshers follow this pattern.

#### Theory / Practice

20% / 80%

#### Validity

1 year

### Export control

AL-Number: N

ECCN: EAR99