

Siemens Gamesa - SG Training Web

SE-P-21795

Avanti Lift L/XL - Installation, Inspection and Maintenance

Purpose

To provide the delegates with the correct safety attitude towards daily and scheduled safety inspections. To provide the delegates with knowledge and skills in functionality in ASL and Traction hoist M500 series, installation, inspection, minor mechanical and electrical troubleshooting as well as replacements of ASL and hoist in Avanti SWP L, XL, L02 and XL02 lift Models.

The contents of SE-P-21775 is included in this course.

Objectives

By understanding the functionality of the individual components, the delegate will understand reasoning of daily and annual inspections

Delegate is able to describe all functions of the main parts in ASL and Traction hoist

Delegate is aware that hoist housing disassembly and ASL housing disassembly will void Avanti warranty /responsibility.

Delegates are physically able to perform annual service inspection and maintenance on lift models SWP.

Delegates understand that they will be certified only to perform regular annual inspections and are not certified to perform extended 10 year and 20 year inspections.

Delegates will understand that they are the ambassadors for promoting correct daily inspections and it will be the responsibility to check the Daily Inspection Log ensuring there is a reasonable relation between hour counter and Daily Inspection in the log.

By end of the training, the delegate will have obtained a solid understanding of the importance of proper safety inspections and documentation - daily as well as the first 9 annual inspections.

The delegate will have obtained a basic knowledge of all major electrical and mechanical components of SWP model lifts. This includes the knowledge and skills enabling the delegate to execute annual inspection, exchange of ASL and Traction device as well as minor mechanical troubleshooting and exchange of components.

The delegate will be aware of limitations of the competence of this training, being aware that 10 year/125 hour inspections and hoist housing is not included in their competence.

The delegate will be able to use the manuals as reference to finding information.

Prerequisites

Minimum 21 years of age

SE-P-85620 Avanti Lift L/XL - User eLearning

SE-P-50020 GWO BST Manual Handling

SE-P-50040 GWO BST Working at Heights

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Contents

Introduction (Aims, objectives and content)
Service lift versus elevator, legislations
Installations (Machinery Directive and Standards)
Importance of Daily/annual/10 year/125 hour inspections (outside this training)
Main components in a Service Lift and their electrical connections
ASLs components and functions
Traction hoist components and functions
Inspection on ASL
Inspection on Traction Hoist
Exercises in annual inspection of ASL and Traction Hoist
Documentation
Inspection and services on service lifts, what to do and what NOT to do
Basic electrical understanding of components and diagrams
Written test with 45 questions
Summing up, evaluation and ending

Theory / Practice

60% / 40%

Notes

Validity

24 months

Only DK ICB Material No.

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Export control

AL-Number: N/A

ECCN: N/A