

Siemens Gamesa - SG Training Web

SE-P-06692

Demag DS10 Hoist and KBK Crane Rail System Maintenance

Purpose

The overall purpose of the course is to provide the technician with the basic knowledge and skills to perform scheduled maintenance, statutory inspection and minor troubleshooting on the Demag DS10 hoist and KBK Rail system.

Who should attend?

The course is intended for SGRE and subcontracted technicians performing scheduled maintenance, statutory inspection and minor troubleshooting of the KBK rail system and Demag DS10 hoist in SGRE WTG.

Objectives

Upon completion of the course the participants are able to:

Understand the buildup of the KBK rail system and the basic configuration of the Demag DS10 hoist

Understand how to and perform inspection and tests in accordance with the maintenance manuals, work instructions and checklists on:

Demag DS10 hoist

- General inspection of electrical connections and functionality
- Test and adjustment of limit switches
- Measuring and inspection of the wire rope and hook
- Test and adjustment of the slipping clutch
- Brake inspection and load test

KBK Rail system

- Check and adjust the function of the parking brake
- Check and adjust rail connections and alignment
- Measure openings in the rail

Understand how to perform minor trouble shooting, repair work and component replacement in accordance with applicable documentation, including:

- Identify and find needed documentation
- Minor trouble shooting of the Demag DS10 hoist and KBK rail system in general
- Shortening or replacement of the wire rope
- Replacement of rail sections and end stops
- Introduction to most common recorded issues with the system

Upon completion of the course the participants have obtained the qualification to perform scheduled maintenance, statutory inspection and minor troubleshooting of the KBK rail system and Demag DS10 hoist.

The authorization to perform statutory inspection is regulated by local law and additional training requirements must be adhered to

Prerequisites

SE-P-85692 Demag DS10 / Vicinay GSS D7-45 User e-learning

SE-P-50420 GWO BTT Electrical AND SE-P-50430 GWO BTT Hydraulic OR SE-P-49420 SGRE Electrical AND SE-P-49430 SGRE Hydraulic

SE-P-50560 SGTT - LOTO Awareness eLearning AND SE-P-50565 SGTT - LOTO Awareness Training (Siemens Technology) OR Introduction to LOTO (SE-P-50562) OR GWO COHE

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Contents

Welcome and introduction
Demag Rail systems Introduction / Inspection theory
Demag DS10 Hoist Introduction / Inspection theory
Demag Rail systems Practical inspection
Demag DS10 Hoist Practical inspection
Trouble shooting and Repair work
Test, Evaluation and End of course survey
Coffee breaks and lunch (If included).

Theory / Practice

40% / 60%

Notes

Validity

36 Months

Only DK ICB Material No.

A9BS0000221

Course is available in English, Spanish, Chinese & Portuguese languages - choice of language is inside a course

Export control

AL-Number: N

ECCN: EAR99