

Generic Portable Power Ascender Equipment Lift

Purpose

The purpose of this course is, by theoretical and practical training to give delegates skills and competence to safely operate, maintain and inspect the Generic Portable Ascender Equipment and components in equipment lifting operations.

Who should attend?

The course is intended for SGRE employees, customers and 3rd parties transporting equipment using a Portable Ascender.

Objectives

Upon completion of the course the Delegates are able to demonstrate their knowledge and skills:

Describe global lifting legislation and regulations.

Describe how to find global and or national lifting legislation and regulations on site

Explain how to mark of the area surrounding the tower

Explain what Work Load Limit (WLL) is

Explain what Safe Work Load (SWL) is

Explain a "Stop Work" situation if SWL is exceeded

Explain how to find the Risk Assessment on site

Explain the requirement to the inspection of equipment documentation

Demonstrate how to perform basic communication during lifting operations

Explain the risk and hazards associated with the use of a portable ascender

Show and explain how to mitigate the risk and hazards associated with the use of a portable ascender

Explain when and how the ascender must not be used

Demonstrate how to conduct a pre-use inspection of the portable device, according to the manufacture manual

Show and explain the controls of the portable ascender

Show and explain the emergency controls and procedures

Explain the requirements for a rope for equipment lifting purposes

Identify the rope for equipment lifting purposes

Demonstrate how to conduct a pre-use inspection of the rope

Demonstrate how, to mitigate risks associated with but not limited to; heat damage, chemical contamination, sharp edges and conduct rope management

Show how to use the Emergency Stop during loading and unloading the rope in the portable device

Explain how to prepare the rope for lifting operations

Demonstrate how to tie a figure of eight knot

Show and explain how to inspect and use PPE including but not limited to helmet, protective eyewear, earplug (if applicable), gloves, safety shoes, harness, cow tail, rescue sling and fall arrester(s) (if applicable)

Demonstrate how to conduct a pre-use inspection and use of anchor slings (wire and webbing), ladder hanger, carabiners, pulley, rope protection for edges and adjustable lanyard for work positioning

Demonstrate how to conduct a pre-use inspection of the lifting equipment including but not limited to rigging plate, slings (wire and webbing), carabiners and pulley

Describe when to use a running ascender setup

Demonstrate how to anchor the ropes with a figure of eight knot

Demonstrate how to load the rope in the portable ascender (according to the manufacture manual)

Demonstrate how to conduct a test lift (with burden)

Demonstrate how to descend and ascend the running ascender setup

Demonstrate how to use the remote (if applicable)

Demonstrate how to conduct an emergency descend with throttle and/or remote (if applicable)

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Describe when to use a top rigged setup

Demonstrate how to anchor the ropes and pulley with a figure of eight knot

Demonstrate how to conduct a pre-use inspection of the portable ascender, according to the manufacture manual

Demonstrate how to descend and ascend the top rigged setup

Demonstrate how to use the remote (if applicable)

Demonstrate how to conduct an emergency descend with throttle and/or remote (if applicable)

Describe when to use a bottom rigged setup

Demonstrate how to anchor the portable device and pulley

Demonstrate how to conduct a pre-use inspection of the portable ascender, according to the manufacture manual

Demonstrate how to load the rope in the portable ascender (according to the manufacture manual)

Demonstrate how to conduct a test lift (with burden)

Demonstrate how to descend and ascend the bottom rigged setup

Demonstrate how to use the remote (if applicable)

Demonstrate how to conduct an emergency descend with throttle and/or remote (if applicable)

Explain how to conduct a rope ascender setup with deviation or ratio

Explain how to calculate SWL for a rope ascender setup with deviation or ratio

Show and explain how to de-rig, conduct housekeeping waste handling:

Portable ascender

Rope

PPE and PFPE

Lifting equipment for equipment lift

Prerequisites

SE-P-21350 Slinger Banksman

OR

GWO Slinger Signaller

OR

SE-P-09601 Slinger Introduction for ActSafe equipment lift AND SE-P- 85695 Introduction to Lifting Bags

OR

OPITO Banksman Slinger stage 1, 3 or 4

OR

OPITO Rigger Competence stage 4, 2 days

OR

Slinger Bankman (AMU) (UP-8210) 2 days

OR

Rigging (Anwendung und Prüfung von Anschlagmitteln) (UP-2141), 2 days

OR

Banksman Slinger (Maersk Training), 2 days

OR

LEEAA Slinger Banksman, 2 days (3Sun Academy) & (Complete Training Solutions)

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-50510 SGT - General Technical Safety Awareness eLearning OR SE-P 07900 Technical Safety Training

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Contents

Content:

- Introduction
- Legislation
- Theory in classroom
- Practical exercises in tower (Training tower)
- Practical exercises outside/nacelle (Training tower)
- Summary
- Evaluation

Theory / Practice

25% / 75%

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Notes

A corresponding course is;

- A theoretical and practical Slinger Banksman course with equivalent course purpose, learning objectives and content as a minimum, compared to SE-P-21300/04200, or
- A theoretical and practical Slinger Banksman course fulfilling the below mentioned requirements as a minimum;

Purpose

The purpose of the course is through theoretical and practical training, to give attendees the knowledge and skills needed to perform daily work with rigging in accordance with Siemens Gamesa DOC. 14.38 "Lifting operations standard".

Offshore: INS 27212

Onshore: INS 26846

Objectives

Participants must be able to carry out their work duties in safe and sound manner in accordance with the geographic location legislative requirements. Upon successful completion, participants must obtain below necessary knowledge and skills.

The participants must obtain knowledge about:

- National/regional lifting operations and lifting equipment regulations relevant to the geographic work location
- Use of different crane types
- SWL (Safe work load)

The participants must obtain skills to:

- Sling various loads
- Transfer loads
- Communicate by hand signals and radio in accordance with the valid version of Siemens Gamesa Basic safety rules
- Make visual inspection on different rigging tools

Content

Transferring and slinging of loads using different crane types, using;

- Laid and braided steel wire rope
- Fiber ropes
- Tapes and loops
- Hooks, rings, chains, shackles, lift fittings
- Industry-related special equipment

Theoretical topics to be covered or implemented in the practical exercises;

- SWL
- National/regional lifting operations and lifting equipment regulations relevant to the geographic work location

Validity

24 months

Only DK ICB Material No.

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Export control

AL-Number: N

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