

Training - Risks associated with lifting and handling operations on construction sites



50372096-EN-E



E-Learning



20 min

This e-learning module makes learners aware of the technical and safety issues related to lifting operations, particularly in offshore environments

Level

Knowledge

Public

- All personnel assigned to a project or a subsidiary project entity and any person required to perform risk analysis associated with construction activities:
- Project Manager, Package Manager, Construction Leader, Operation Safety Leader, QA/QC Manager/Head, Construction Superintendent, Head of PJC Entity, Head of Projects, Head of Construction

Objectives

Attendees will be able to implement the following skills:

- describe the various types of lifting operations, the associated equipment, and the risk mitigation measures to be deployed
- describe and explain the safety rules applicable to lifting operations
- assess the compliance of the equipment and accessories being used
- identify the risk situations during lifting operations
- implement and enforce appropriate risk mitigation measures after analysing the situation
- know the grounds and reasons for stopping a lifting operation

Pedagogical & technical resources

- Realistic situation
- Alternation between theoretical contributions and practical cases
- Use of visual and interactive aids

Assessment of achievements

- Quiz

Prerequisites

No prerequisites are necessary to follow this course

Responsible

TotalEnergies Learning Solutions trainer, with expertise in the field and trained in modern teaching methods adapted to the specific needs of learners from the professional world

Program

DESCRIPTION

Introduction to Lifting Operations:

- Overview of lifting activities.
- Key terminology.

Rules and Standards:

- International standards and regulations.

Lifting Operations and Load Characteristics:

- Types of loads.
- Load behaviour and constraints.

Lifting Equipment:

- Classification and operating principles.

Lifting Accessories:

- Proper use and compatibility.

Inspection and Certification:

- Inspection procedures.
- Compliance criteria.

Offshore Lifting Operations:

- Marine environment specificities.
- Risks and precautionary measures.

Personnel Transfer by Lifting:

- Safety requirements.
- Emergency stop procedures.

Please contact our disabled persons referent to check the accessibility of this training program:

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