

## Safe Crane Operations

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**Duration** 120 Minutes

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**Target group** Oil & Gas Industry (Onshore & Offshore)

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**Prerequisites** No prerequisites are required to sit this course.

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**Objective**

- LO1: Summarise the relevant legislation and regulations applicable to crane operations
- LO2: Explain the key points of each regulation within LOLER
- LO3: Explain the key aspects of PUWER in relation to crane safety
- LO4: Describe how the LOLER and PUWER regulations apply offshore
- LO5: Explain common lifting terminology
- LO6: Describe the main roles and responsibilities within lifting
- LO7: Describe common parts of a crane
- LO8: Describe crane safety devices and measures
- LO9: Identify types of lifting accessories
- LO10: Identify factors causing rope deterioration and defects
- LO11: Recall the requirement for a permit to work
- LO12: Identify typical hazards and risks when using lifting equipment and accessories
- LO13: Define the load characteristics which affect lifting
- LO14: Describe the preparations to make before handling the load on the installation
- LO15: Define lift classifications
- LO16: Explain the pre-start checks to be made prior to a lift
- LO17: Describe limitations for cranes
- LO18: List general instructions and checks whilst a lift is being performed
- LO19: Describe methods of good communication
- LO20: Define safe sling angles and tensions
- LO21: Explain how to use appropriate lifting accessories safely
- LO22: Describe situations that require the lifting operation to be stopped immediately
- LO23: Describe post-action activities

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**Contents**

This course is available in the following languages: English; Turkish  
The purpose of this course is to provide you with a good knowledge of relevant legislation, the functionality of cranes, hazards and controls, and how to ensure a lift is prepared and performed safely and successfully.

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**Exam** The assessment is taken during the course and is within the expected duration.