

# Offshore Crane Operator Stage 2 Fact Sheet

## Course Overview

The Offshore Crane Operator Stage 2 course builds upon the foundational skills acquired in Stage 1, focusing on advanced techniques for complex lifting operations in offshore environments. This course delves into specialized scenarios, including heavy lifts, dynamic positioning, and adverse weather conditions, ensuring crane operators are equipped to handle challenging offshore situations effectively.



client site training, depending on your personal preferences



learn from an expert trainer with years of experience

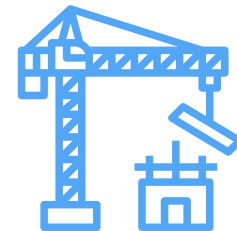


Budget Friendly learning

## Who should enroll to this course?

Experienced offshore crane operators, riggers, and personnel involved in advanced lifting operations in the offshore industry should consider enrolling in the Offshore Crane Operator Stage 2 course.

This includes individuals seeking to enhance their skills in handling complex lifting scenarios and ensuring safety and efficiency in challenging offshore environments.



## Join Us Today!



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# What does this course Covers?

## Module 1

- Identify different types of offshore cranes.
- Identify the main components on an offshore crane, where they are located and their principle functions.
- Explain the basic principles of crane stability and crane configuration
- Explain what is meant by crane safe working loads (SWL) and the purpose of load charts
- Know how to interpret typical offshore crane load charts.
- Explain the purpose of rated capacity indicators, how they are used and the use of sea state information.
- Identify different types of rated capacity indicators
- Explain the basic construction of crane wire ropes
- Explain the maintenance and inspection that must be undertaken on crane wire ropes
- Explain wear deterioration of wire ropes and basic discard criteria
- Explain the correct spooling of crane wire ropes on the winch drums
- Explain the basic construction of crane pennants and hooks
- Explain the purpose of boom, hoist and slew limiting systems

- Course Code - 241
- Duration - 5 Day
- Knowledge level - Intermediate
- Category - Offshore Oil & Gas
- Offline/ Client Site

## **Module 2**

- Identify the main hand signals used for crane operations
- Explain radio communication protocols for controlling crane operations
- Explain the main requirements of relevant legislation relating to offshore crane lifting operations

## **MODULE 3 Dynamic loading**

- Explain the term: Dynamic Amplification Factor (DAF) and Dynamic Coefficient
- Explain the main effects of dynamic loading
- State examples of dynamic loading
- Explain the principles of constant tension and heave compensation systems

## **Module 4**

- Identify the checks that should be carried out on an offshore crane and explain how and when they should be done
- Explain typical first-line crane maintenance and defect reporting and recording
- Explain how conflicting activities may affect lifting operations
- Explain the effects of environmental conditions on crane lifting operations

### Ready to get started?

Seize the opportunity to advance your offshore crane operation skills and elevate your expertise to the next level. Enroll in the Offshore Crane Operator Stage 2 course today to enhance your proficiency in handling complex lifting operations and excel in challenging offshore environments.

Reach us at [info@eliteoffshore.in](mailto:info@eliteoffshore.in) or [training@eliteoffshore.in](mailto:training@eliteoffshore.in)

### About Us

**Elite Offshore Pvt Ltd**, established in 2015, is a leading provider of Offshore, Marine and Industrial Safety and Skill training and certification programs. With a commitment to safety, compliance, and excellence, we empower professionals worldwide with the knowledge and skills they need for success in their careers.

**Ecademy** was established in 2021, serves as our specialized division, providing customized E-Learning solutions designed to meet the specific needs of the industry. Through Ecademy, we offer the IADC-Accredited RigPass Online Course, alongside other valuable E-Learning programs like IMDG Code Courses, Basic First Aid, and more.