

Shipboard Deck Crane Operator Fact Sheet

Course Overview

The Shipboard Deck Crane Operator course equips participants with essential skills and knowledge for safe and efficient operation of deck cranes on vessels. It covers safety procedures, equipment handling, and industry standards to ensure a secure working environment at sea.



client site training, depending on your personal preferences



learn from an expert trainer with years of experience

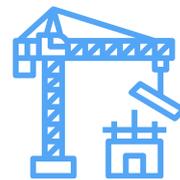


Budget Friendly learning

Who should enroll to this course?

The Shipboard Deck Crane Operator course is designed for new operators looking to start their careers in maritime operations, as well as experienced personnel seeking to refresh their knowledge of safe crane operation. It is also beneficial for marine crew members who need to understand crane operations for their roles and for safety officers focused on maritime safety protocols.

Additionally, the course is ideal for employers and supervisors responsible for training their teams to ensure compliance with industry standards, necessary for safe and efficient deck crane operation aboard vessels.



Join Us Today!



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What does this course Covers?

- Introduction to Shipboard Crane Operations
 - Types of shipboard deck cranes and its applications on merchant vessels
 - Roles and responsibilities of crane operator, banksman, and lifting supervisor
 - Regulatory and compliance framework, ISM Code requirements and STCW guidelines
 - Company lifting procedures and permit-to-work systems
 - Main components and accessories of various types of crane
 - Hydraulic, electrical, and control systems
 - Slewing, luffing, hoisting mechanisms, limit switches and safety devices
 - Safe Working Load (SWL) and load charts
 - Radius, boom angle, and dynamic loading
 - Effects of vessel motion, wind, and sea state
 - Vessel trim, list and buoyancy changes during load transfer
 - Impact of Free surface effect during lifting operations
 - Transverse and longitudinal stability during lifts
 - Heeling moments generated by suspended loads
 - Impact of lifting loads over ship's side and radius change on stability
 - Coordination with ballast operations during lifting operation
 - Lift Planning & Risk Assessment for routine vs non-routine lifts
 - Lift plans, and Job Safety Analysis (JSA)
 - Permit-to-Work and toolbox talks
- Course Code - 137
 - Duration - 4 Days
 - Knowledge level - Beginner
 - Category - Port and Marine
 - Offline/ Client Site

- Coordination with bridge and engine room
- Lifting Gear, slings, shackles, hooks, spreader beams
- Inspection and certification requirements
- Sling angles and load distribution & effects of rigging configuration on crane load
- Practical Training & Hands-On Operations, Pre-operation crane inspection and checks, crane controls, safe hoisting, slewing, luffing, and lowering
- Hand signals and communication with banksman and bridge
- Decision making during Emergency situations eg Load swing, Loss of power, Excessive list or unexpected heel
- Theoretical and Practical Assessment

Ready to get started?

Elevate your maritime career by enrolling in our Shipboard Deck Crane Operator course today! Gain essential skills in safe crane operation and ensure efficiency on board.

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.