

The aim of this course is to provide delegates with the knowledge and practical skills needed to safely operate a Marine Knuckle Boom Crane. This course includes theory and practical elements, with tests being conducted on each.

Objectives



By the end of the course, delegates should be able to:

- Demonstrate a basic understanding of the industry and their roles and responsibilities as an operator
- Demonstrate a working knowledge of the manufacturer's handbook
- Locate and identify the major components and controls of the crane and explain their functions
- Interpret the requirements of a lift plan and risk assessment
- Conduct all pre-operation checks
- Set up an exclusion zone
- Configure and set the crane for lifting and transferring duties
- Identify and inspect suitability of a landing area
- Lift and move loads in a safe and controlled manner, with minimum uncontrolled movement
- Operate the machinery safely and efficiently taking into consideration sea uplift and moving vessel decks
- Carry out all end of shift and shut down procedures.

Duration & Attendance



Level	Who is it for	Duration	Max # Learners
Novice	Learners with no ticket or prior experience	2-5 days	3 learners
Experienced Worker course	Learners with experience or a valid ticket. One day training, one day testing	1 day	3 learners
Refresher	Learner with a valid ticket, that would require refresher training and testing	1 day	3 learners

Certification



Traditional Operator Card

- Operators are advised to complete a 1 Day NPORS Refresher Course every 3 years.

Trained Operator Card (CSCS / Construction Industry)

- Operators are required to complete a Vocational Qualification (VQ) within 2 years and upgrade to an NPORS Competent Operator Card.

Competent Operator Card (CSCS / Construction Industry)

- This card is renewed every 5 years.

Other

CSCS / Construction Industry Card

- Operators are also required to pass the relevant CITB Health, Safety & Environmental test within the two years prior to application for this level of card.