

NPORS – Tower Crane (NIO2)



Course Aim

The course aims to provide delegates with the knowledge and skills required to operate the Tower Crane safely. It is suitable for operators of all abilities and those who have previously received no formal training or instruction. The course is delivered through a combination of classroom-based theory and practical hands on training.



Who Should Attend?

This course is suitable for any delegate wishing to gain an NPORS Tower Crane certificate.

Experienced workers, categorised as those with having either 18 months provable work experience and/or 6 months consistent daily experience in the category, will be able to undertake a Experienced Workers Test (EWT). Completion of a EWT will allow experienced workers to take the NPORS Theory and Practical tests required for a NPORS certificate.

Prerequisites

- Novice – No pre-requisites
- Experienced Workers - either 18 months provable work experience and/or 6 months consistent daily experience in the category.

NPORS / CSCS Card

In addition to the above, delegates must have an in date relevant CITB Health, Safety and Environment Touchscreen Test. Failure to attend with this qualification may result in you being denied entry to the course and forfeiture of all fees.

A good understanding of spoken and written English is also required.



Agenda

Upon successful completion of this course delegates will be able to:

- Name and explain the purpose of principle components, the basic construction, controls and terminology
- Conform with manufacturers requirements as per the operators handbook, relevant regulations and legislation
- Undertake all pre-use checks and place the crane into service
- Explain procedures that must be taken if assessing the jib for inspection and maintenance purposes
- Configure the crane for lifting duties
- Explain the reasons for changing the number of falls of rope
- Explain actions required for hazards and overhead services
- Programme/set-up rated capacity indicators and/or other load/distance indicators for lifting duties
- Lift various loads using the full radius and slewing capabilities of a crane
- Accurately place loads, Minimise the swinging of loads
- Move loads through machine travel and comply with signals and instructions
- Maintain safe working situations
- Carry out out-of-service and securing procedures



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Course Duration

This is a 10-day course.



Certification

Traditional NPORS Card – Refresher training is advised every 3 years.

Upon successful completion of this course, delegates applying for NPORS/CSCS Card will be awarded a NPORS Red Trained Operators Card valid for 2 years. During this time delegates will be required to register for a relevant NVQ. Upon successfully completing of the NVQ, delegates will be awarded a Competent Operators Card valid for 5 years. A CPD record / operator logbook will also be issued which will need to be kept up to date.

Safety / Value / Availability / Support



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