

Course. Onshore Crane Operators Course
Duration. 5 days
Tutors. Course tutors are NVQ D32/D33 qualified

Training

This course has two basic parts:

Introduction

Intended for trainee operators of mobile cranes and crane mechanics/technicians that service onshore cranes. The course is intended as a preparation for assessment and licensing, and is designed to impart the necessary skills to give relatively inexperienced crane operators the knowledge and competence to operate a mobile crane.



Duration

Normally five-days - Two-days classroom, three-days practical tuition / assessment. However, the duration of the course can be varied dependent on candidate's inherent crane operating skills.



PART 1 Classroom Tutorial

Initial Test Paper

Gives candidates and tutor an appreciation of the candidate's inherent knowledge of subject.

Legislation

LOLER - Health & Safety at Work

British Standards 7121 Parts 1, 2 and 3, - EC Directives - PUWER & LOLER
 98 Company procedures - Permit to Work - Manual Handling Operations, etc



General Awareness

'Operating Policy' within the scope of the 'Regulations' may vary from Company to Company and this will be accounted for in the theoretical and practical aspects of the course. Classroom tutorial will cover, where appropriate the type of crane to be used by the delegate:

Banksman hand signalling – Radio procedures – Load rating information –
 Crane controls – Crane safety equipment / features – RCI – Ropes, rigging,
 sheaving and accessories – Outriggers – Power-controlled lowering

Logs/records

Operating procedures [theory]

Pre-use crane and equipment checks - Operation in darkness and/or adverse weather – Electrical hazards – Operations with more than one crane – Pick and carry – Travelling with boom erect – Job discussion - Blind lifts.



PART 2 Practical Tuition and Assessment of Operating Skills

Hands-on

Closely following the Part 1 Classroom Theory phase of the course candidates are put in a hands-on crane operating role. During this period the tutor observes the candidate, assessing his level of confidence, operating skills, general approach and aptitude. Tuition and advice will be given as required. At all times emphasis is placed on Safe Operation of the Crane.

Pre-start & Work Preparation - A range of operations are set which require the crane operator to carry-out:
Pre-start procedures - Preparation of the Load and the immediate area around the crane.

Operational Skills

Demonstrate understanding of the RCI and its Load/radius limits - Limited switches - Outriggers - Working with a banksman - Emergency procedures for various simulated overload situations - Electrical Hazard awareness - Pick and Carry - etc.

Unattended / Shutdown crane procedures (short term/long term) Correct shutdown procedures.

Maintenance and Inspection Good housekeeping / Maintenance routines,

Inspections: Pre-use / Daily / Weekly / Monthly, etc.

New Machine procedures.

OTHER INFORMATION

Lecturers: EnerMech Safety Training Staff (NVQ D32/D33 accredited and with experience in crane operating).

Location: Suitable training centre local to majority of course candidates

Dates: Arranged to mutual agreement of Company / Candidates / Consultants.

Clothing: For the practical period of this course all candidates are required to provide their own protective clothing (PPE) eg hardhat, safety boots, coveralls, gloves, etc

We exercise a policy of equal opportunity in training. All programmes run subject to satisfactory enrolment. This information is issued without prejudice to the right of EnerMech Safety Training Consultants Ltd to make such modifications to the matters dealt with, as it considers necessary without prior notice.



THE OIL & GAS ACADEMY