

COGOC5

Lift, transfer and position loads in offshore crane operations



Overview

This unit is design for operators who lift, transfer and position loads. This includes preparing for the movement of loads using specialised equipment, lifting the load and transferring it by mechanical means to a designated location, positioning, setting down and releasing the load safely and securely, and covers general and specific materials handling, e.g. cargo, supplies, goods, equipment.

The unit deals with the following:

1. Preparing for movement of load
2. Lifting and transferring load to its designated location
3. Positioning and setting down load

During this work you must take account of the relevant operational requirements and safe working practices AS THEY APPLY TO YOU.

Previous version:

Unit PR10 – National Occupational Standards for Offshore Crane Operations – January 2003

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Performance criteria

- You must be able to:*
- P1 accurately identify load to be moved, its location and destination from relevant information and instructions
 - P2 check the area of work for safety and confirm that it is secure for the movement and transfer of loads
 - P3 assess the method of movement and transfer and take appropriate measures to ensure safety of the operation
 - P4 identify difficulties in carrying out the movement and transfer and clarify how to deal with them with the appropriate person(s)
 - P5 accurately identify potential hazards in the work area and take action in accordance with approved procedures and practices
 - P6 confirm that the equipment to be used is suitably prepared and set up for the work requirement
 - P7 maintain records in accordance with organisation and operational requirements
 - P8 refer problems and conditions outside their responsibility to an authorised person
 - P9 carry out work to approved procedures and practices and in compliance with statutory requirements
 - P10 select a load and confirm that it is suitable to lift
 - P11 carry out lifting and handling of the load safely, taking account of the load's characteristics
 - P12 lift and transfer a load to the designated location safely, securely and without loss or damage
 - P13 undertake operations in a safe, effective and controlled manner with due regard to the surrounding environment
 - P14 report any loss or damage to the load or the surrounding environment to the appropriate person(s) and take action in accordance with approved procedures and practices
 - P15 confirm the location for positioning and setting down of the load in accordance with the information and instruction received from the banksman
 - P16 position, set down and release the load in its designated location
 - P17 carry out operations safely and meet with the work requirements
 - P18 report any incident(s) and accident(s) during movement in accordance with approved procedures and practices

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Knowledge and understanding

You need to know and understand:

- K1 the different types of loads, their characteristics and movement requirements
- K2 the types of equipment used for the movement and transfer of loads in the context of the operations and work activity
- K3 preparation and set-up requirements for the specified equipment
- K4 the methods for lifting and movement of a load relative to the specified equipment and characteristics of the load
- K5 the following types of workplace hazards encountered and the working practices for dealing with them: encroaching personnel, neighbouring activities, obstructions, damaged loads
- K6 the organisational and operational requirements for keeping records
- K7 what the following types of approved procedures and practices require in the context of the operations, the work activity and the workplace environment: organisational, regulatory, emergency, operational
- K8 what your responsibilities are under relevant statutory and regulatory requirements
- K9 the different types of loads, their characteristics and movement requirements
- K10 types of specified equipment and related operating procedures
- K11 methods for lifting and transferring of a load relative to the specified equipment and nature of the load
- K12 the procedures for dealing with loss and damage to loads
- K13 the methods for positioning and setting down of loads relative to the specified equipment
- K14 the action to be taken in the event of incident or accident
- K15 the organisational and operational requirements for keeping records

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Developed by Cogent

Version number 1

Date approved July 2010

Indicative review date July 2012

Validity Current

Status Original

Originating organisation Cogent

Original URN OC5

Relevant occupations Professional Occupations; Engineering Professionals; Engineering and manufacturing technologies; Engineering; Architects, Town Planners and Surveyors

Suite Offshore Crane Operations

Key words lift, transfer, position, loads, set down, location, equipment