

COGODO3 - SQA Unit Code D9A6 04

Carry out slinging and lifting for the movement of loads



Overview

This unit has two elements and is about your competence in at slinging and signalling. It is aimed at those operations where the transfer of a load is carried out using various types of lifting gear.

- 1 Prepare And Sling Loads For Lifting
- 2 Direct And Control The Movement And Placing Of Loads

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

Unit-wide Knowledge

1. Approved procedures and practices in the context of the operations, the work activity and the workplace environment (organisational, regulatory, emergency, operational)
2. Responsibilities under the Health and Safety Statutory Requirements
3. How to use 'Safe Systems of Work' processes to identify hazards and mitigate or reduce risks to as low as reasonably practicable (ALARP)

**Performance
criteria**

Prepare And Sling Loads For Lifting

You must be able to:

- P1 contributed to the development of **relevant information**
- P2 used **relevant information** and instruction to accurately identify loads to be moved
- P3 chosen slinging technique appropriate to the characteristics of the **load** and the intended lift
- P4 selected **lifting accessories** and confirmed that it is suitability for the **load(s)** to be lifted
- P5 reported defects and faults with lifting accessories to the **appropriate person**
- P6 prepared and slung **loads** appropriate to the slinging technique chosen
- P7 confirmed that the support and balance of the slung **load** is satisfactory, and that it is secured prior to movement
- P8 worked safely in accordance with operational requirements and associated **Safe Systems of Work**

Direct And Control The Movement And Placing Of Loads

You must be able to:

- P9 agreed **load**-moving procedures with **relevant personnel**
- P10 established and confirmed **signalling and communication methods** with relevant personnel, prior to moving the **load**
- P11 followed approved procedures and practices when signalling and communicating
- P12 accurately directed the **load** to its destination, using an agreed signalling code
- P13 avoided endangering personnel or operations, by promptly clarifying and responding to unclear signalling and communication
- P14 ensured that laydown area is clear of any obstruction and sufficient in size to accommodate **load**
- P15 monitored stability whilst moving or releasing a **load**
- P16 positioned and set down the **load**, and relaxed the sling, before removing the lifting accessories
- P17 worked safely in accordance with operational requirements and associated **Safe Systems of Work**

Knowledge and understanding

You need to know and understand:

Prepare And Sling Loads For Lifting

- K1 relevant types of information and instruction sources for the work activity
- K2 types of lifting equipment and accessories in relation to the work activity
- K3 hazards and conditions that affect the lifting activity
- K4 method for slinging in relation to safe working loads and angles of lift
- K5 load stability, security and weight distribution factors
- K6 load characteristics (e.g. hazardous/non-hazardous)
- K7 equipment capabilities (e.g. capacities, strengths, weaknesses and limitations)
- K8 types of defects and faults that are possible with lifting equipment
- K9 the principle and practice of dealing with radioactive/LSA materials
- K10 equipment discard criteria
- K11 identify difficulties in slinging and moving loads, and clarify them with the appropriate person(s)
- K12 coding and identification systems for lifting equipment

Direct And Control The Movement And Placing Of Loads

You need to know and understand:

- K13 interpreting instructions for the movement of loads
- K14 relevant personnel involved with the activity
- K15 methods used for signalling and communication
- K16 reasons for wearing clear-visibility clothing
- K17 how, and when, to confirm deck load rating

Additional Information

Scope/range related to performance criteria

The terms used in the scope relate directly to those shown in **bold** in the Performance Statements.

- 1 **Relevant information** must include lifting plan, risk assessment
- 2 **Loads** may include plant, equipment, asbestos, radiation/LSA materials, other hazardous materials
- 3 **Lifting accessories** must include that relevant to the work activity, in the context of the sector operation
- 4 **Appropriate person** may include HLO, RO, other helideck crew-member, crane operator, helicopter crew
- 5 **Safe Systems of Work** must include processes or systems that incorporate Hazard Identification, Risk Assessment, Permit to Work and any other associated systems
- 6 **Relevant personnel** must include authorised personnel (those indirectly involved), personnel directly involved with the activity
- 7 **Signalling and communication methods** must include hand signalling, radio

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