

COGODR3

Carry out slinging and lifting for the movement of drilling loads



Overview

This unit is about your competence in offloading, stowing, slinging, signalling and backloading. It is aimed at those operations where the transfer of a load is carried out using various types of lifting gear. This unit deals with the following:

- 1 Offload and stow deck and bulk cargo
- 2 Prepare and sling loads for lifting
- 3 Direct and control the movement and placing of loads
- 4 Prepare and backload deck cargo

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Performance criteria

- You must be able to:*
- P1 carried out a pre-use inspection of lifting gear and determined its fitness for purpose
 - P2 established and maintained effective cooperation and communications with the supply vessel and crane operator
 - P3 prepared the area, handling equipment and lifting gear to receive offloaded **cargo** in readiness for the supply vessel's arrival
 - P4 selected and assisted in the transfer of the correct bulk hoses from the installation to the supply vessel and ensured that hoses are stowed away correctly on completion of transfer
 - P5 safely used safe lifting and manual handling techniques
 - P6 stowed deck cargo safely and securely in the designated location
 - P7 disposed of waste materials according to the installation waste management procedures and practices
 - P8 returned lifting gear to its designated location in a clean and functional condition after use
 - P9 kept clear and accurate records of the cargo offloaded and report any discrepancies using the appropriate documentation
 - P10 contributed to the development of **relevant information**
 - P11 used relevant information and instruction to accurately identify loads to be moved
 - P12 chosen slinging technique appropriate to the characteristics of the load and the intended lift
 - P13 selected **lifting accessories** and confirmed that it is suitability for the load(s) to be lifted
 - P14 reported defects and faults with lifting accessories to the authorised person
 - P15 prepared and slung loads appropriate to the slinging technique chosen
 - P16 confirmed that the support and balance of the slung load is satisfactory, and that it is secured prior to movement
 - P17 agreed load-moving procedures with **relevant personnel**
 - P18 established and confirmed signalling and communication methods with relevant personnel, prior to moving the load
 - P19 followed approved procedures and practices when signalling and communicating
 - P20 accurately directed the load to its destination, using an agreed signalling code
 - P21 avoided endangering personnel or operations, by promptly clarifying and responding to unclear signalling and communication
 - P22 ensured that laydown area is clear of any obstruction and sufficient in size to accommodate load
 - P23 monitored stability whilst moving or releasing a load

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- P24 positioned and set down the load, and relaxed the sling, before removing the lifting accessories
- P25 established the quantity and identity of the cargo to be backloaded and the requirements necessary for this to be achieved
- P26 contributed effectively to the planning of backloading
- P27 ensured that cargo and lifting gear for backloading is promptly assembled in the correct location
- P28 packed and secured containers and baskets in accordance with safe procedures and practices
- P29 established and maintained effective cooperation and communications with the supply vessel and crane operator
- P30 confirmed that the lifting gear is secure before raising the load
- P31 used safe handling and manual lifting techniques
- P32 protected tubulars for backloading from damage while being transferred
- P33 returned lifting gear to designated locations in a clean and functional condition after use and raised any discrepancies promptly using the appropriate documentation
- P34 kept clear and accurate records of backloaded cargo
- P35 worked safely in accordance with operational requirements and associated **Safe Systems of Work**

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Knowledge and understanding

You need to know and understand:

- K1 what is involved in unbundling tubulars
- K2 why it is important to inspect and examine lifting gear and what procedures exist for this
- K3 the system used to determine the storage locations for different cargo types
- K4 how to differentiate between the bulk hoses in use for fluids; powders
- K5 what record keeping procedures are followed
- K6 safe lifting and manual handling techniques
- K7 how to identify the safe working limits and test status for different types of handling equipment
- K8 the considerations that are necessary in the event of adverse weather conditions
- K9 what environmental considerations and constraints have to be taken into account when offloading cargo
- K10 the practices and procedures relevant to the handling of deck and bulk cargo
- K11 relevant types of information and instruction sources for the work activity
- K12 types of lifting equipment and accessories in relation to the work activity
- K13 hazards and conditions that affect the lifting activity
- K14 method for slinging in relation to safe working loads and angles of lift
- K15 load stability, security and weight distribution factors
- K16 load characteristics (e.g. hazardous/non-hazardous)
- K17 equipment capabilities (e.g. capacities, strengths, weaknesses and limitations)
- K18 types of defects and faults that are possible with lifting equipment
- K19 the principle and practice of dealing with radioactive/LSA materials
- K20 equipment discard criteria
- K21 identify difficulties in slinging and moving loads, and clarify them with the appropriate person(s)
- K22 coding and identification systems for lifting equipment
- K23 interpreting instructions for the movement of loads
- K24 relevant personnel involved with the activity
- K25 methods used for signalling and communication
- K26 reasons for wearing clear-visibility clothing
- K27 how, and when, to confirm deck load rating
- K28 what is involved in choking and securing tubulars
- K29 why it is important to plan backloading before it is carried out
- K30 why it is important to make sure that equipment is secure in containers
- K31 how to identify the safe working limits and test status for different types of handling equipment
- K32 the considerations which are necessary in the event of adverse weather

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conditions

K33 why it is important to protect tubulars from damage

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Additional Information

Scope/range

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

- 1 How to use 'Safe Systems of Work' processes to identify hazards and mitigate or reduce risks to as low as reasonably practicable (ALARP)
- 2 How to select, use and care for PPE (to include sight/hearing protection, coveralls, gloves, footwear, hard hats, respirators)
- 3 The implications of statutory (e.g. HASAWA and COSHH) and organisational requirements
- 4 How to interpret operational requirements (e.g. relevant policies, procedures, instructions, codes of practice, standards, schedules)

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

- 1 **Cargo** must include tubulars; containers; baskets; miscellaneous equipment; drilling tools; helifuel; radioactive sources; explosives
- 2 **Handling equipment** must include slings; shackles; transit slings; lifting bridles; single pennant; crane brother
- 3 **Relevant information** must include lifting plan, risk assessment
- 4 **Lifting accessories** must include that relevant to the work activity, in the context of the sector operation
- 5 **Loads** may include plant, equipment, asbestos, radiation/LSA materials, other hazardous materials
- 6 **Relevant personnel** must include authorised personnel (those indirectly involved), personnel directly involved with the activity
- 7 **Method of signalling and communication** must include hand signalling, radio
- 8 **Safe Systems of Work** must include processes or systems that incorporate Hazard Identification, Risk Assessment, Permit to Work and any other associated systems.

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