

COGODR15

Carry out derrick operations in support of drilling



Overview

This unit is about providing assistance to the running of casings and tubings of different sizes and includes the rigging up and down of the handling equipment prior to and after the job. This unit deals with the following:

- 1 Make Ready For Derrick Operations
- 2 Transfer And Position Drilling Equipment In The Derrick

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Performance criteria

- You must be able to:*
- P1 effectively donned and adjusted restraining equipment
 - P2 obtained confirmation of the tubulars to be pulled out of and run into the hole
 - P3 planned and agreed how the tubulars will be set back within the fingers to meet operational requirements
 - P4 confirmed that relevant work areas and **equipment** are fit and ready for purpose
 - P5 ensured that the communication system between the derrick and the driller is working correctly
 - P6 prepared the monkey board fingers correctly for running pipe from and into them
 - P7 taken prompt action to deal with any equipment defects and deficiencies
 - P8 advised the driller clearly and promptly when preparations are complete
 - P9 pulled back and delivered **stands** into and out of the derrick efficiently and safely
 - P10 racked and secured stands in the planned position
 - P11 selected and made ready stands to meet operational requirements
 - P12 made sure that stands are cleanly latched into the elevators
 - P13 maintained clear and effective communications with others involved in the operation
 - P14 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 how to don and adjust restraining equipment
- K2 what the function, limitations and operating principles are of the equipment used in the derrick
- K3 what checks need to be made on the equipment operated from or in the derrick
- K4 safety requirements when working from the monkey board (including Working at Height)
- K5 what protocols are used when communicating using voice box; CCTV; signalling; telephone
- K6 how to ascend and descend the derrick safely
- K7 how to correctly adjust restraining equipment
- K8 the limitations and considerations regarding the positioning and quantities of differing tubular sizes that can be set back within the layout of the fingers
- K9 what the function, limitations and operating principles are of the equipment used from the monkey board
- K10 safety requirements and considerations necessary when working from the monkey board (including Working at Height)
- K11 what protocols are used when communicating using voice box; CCTV; signalling; telephone
- K12 what considerations and actions are necessary in situations including dropped stands; high winds; emergency situations; critical situations; tubing
- K13 how and when to operate the monkey board tigger
- K14 why it is important to leave the monkey board area in a fit state

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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, 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 **Equipment** must include communication systems; inertia reel; monkey board fingers or equivalent on automated/semi-automated rigs; monkey board; restraining equipment; rope; winches or tuggers
- 2 **Stands** must include dropped stands; long stands; short stands
- 3 **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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