

Carry out routine maintenance on drilling plant and equipment

Overview

What is this standard about?

This standard states the skills, knowledge and understanding required to demonstrate competence to carry out routine maintenance on drilling plant and equipment. It includes following instructions and adopting healthy, safe and environmentally responsible working practices to prepare for and carry out routine maintenance operations to drilling and equipment in general use.

Who is this standard for?

This standard applies to operatives who have responsibility for carrying out basic and routine maintenance of drilling plant and equipment. It does not apply to engineers, technicians or fitters, who would be required to complete more complex and technical maintenance tasks.

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Performance criteria

You must be able to:

- 1 establish the routine maintenance requirements
- 2 select the type, quality and quantity of materials, substances, tools and equipment required to complete the maintenance
- 3 select and use the personal protective equipment and security measures which apply to the maintenance activities
- 4 ensure the drilling plant and equipment is in a safe condition before commencing a throughout the maintenance activity
- 5 carry out the maintenance activities
- 6 return or dispose of tools, equipment, waste, surplus materials and substances
- 7 report and record maintenance completed, and any problems or faults identified
- 8 carry out the maintenance work in compliance with the **approved policies, procedures and practices** for the work activity, plant and working environment

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Knowledge and understanding

You need to know and understand:

- 1 the different sources for information and instruction relative to:
 - 1.1 the routine maintenance requirements for the drilling plant and equipment
 - 1.2 the type, purpose, quality and quantities of resources required
- 2 actions to be taken if information or resources are insufficient or unavailable
- 3 the purpose and scope of the maintenance activity
- 4 the application method for the materials and substances
- 5 the hazards and risks associated with the maintenance activity, use of tools, and the materials and substances used
- 6 the appropriate personal protective equipment for the maintenance activity
- 7 the requirements for the use of personal protective equipment and security measures when carrying out maintenance activities
- 8 the methods of ensuring the drilling plant or equipment is in a safe condition for the maintenance activity
- 9 the methods of completing the required maintenance
- 10 the storage and handling of tools, equipment, materials and substances
- 11 site environmental and waste disposal procedures
- 12 the problems that can occur whilst completing maintenance
- 13 the types of faults that may be encountered whilst maintaining drilling plant and equipment
- 14 the importance of avoiding waste of materials and substances
- 15 maintenance activity reporting and recording requirements
- 16 the limits of your personal responsibilities and scope of maintenance activity
- 17 the **approved policies, procedures and practices** for the maintenance activity

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Scope/range

1. **approved policies, procedures and practices:** legislative/regulatory, organisational, operational, accident or emergency, health and safety, first aid, and environmental as appropriate to the work activity

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