

COGDO27

Participate in carrying out maintenance within agreed scope of authority in downstream operations



Overview

This unit is about carrying out maintenance within the scope of your own responsibility and authority.

This unit deals with the following:

- 1 Carry out non-routine maintenance
- 2 Carry out routine maintenance

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

This unit deals with the following:

- 1 how to select, use and care for personal protective equipment (e.g. sight/hearing protection, gloves, footwear, hard hats, respirators)
- 2 the implications of statutory and organisational requirements
- 3 how to interpret operational requirements (e.g. policies, procedures, instructions, codes of practice, standards, schedules)
- 4 plant and equipment operating procedures
- 5 the types of equipment to be maintained (to include rotating, non- rotating, heat transfer, control)
- 6 operating principles of all relevant equipment
- 7 the limits of your own responsibility and authority
- 8 how to work with and within your permit to work system

Previous Version:

Adapted from Unit 10 of Refinery Field Operations NOS – version April 2005

COGDO27

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Performance criteria

- You must be able to:*
- P1 identify abnormal performance
 - P2 monitor and record faults
 - P3 request help from appropriate personnel
 - P4 leave plant and equipment in a safe condition
 - P5 complete all relevant documentation
 - P6 obtain all documentation which allows the maintenance to be carried out
 - P7 ensure that routine maintenance has minimal effect on production objectives
 - P8 consult written records and relevant personnel as appropriate
 - P9 carry out maintenance, using appropriate tools, in accordance with procedures and schedules
 - P10 work safely in accordance with operational requirements

COGDO27

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Knowledge and understanding

You need to know and understand:

- K1 why it is necessary to follow site procedures (e.g. use of log books, check sheets, method statements)
- K2 the importance of using correct work methods and hand tools
- K3 the importance of using the correct materials
- K4 why relevant personnel have to be informed of equipment status
- K5 the limits of your own responsibility and authority
- K6 why work has to be carried out under permit control

COGDO27

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Additional Information

Scope/range

This unit deals with the following:

- 1 how to select, use and care for personal protective equipment (e.g. sight/hearing protection, gloves, footwear, hard hats, respirators)
- 2 the implications of statutory and organisational requirements
- 3 how to interpret operational requirements (e.g. policies, procedures, instructions, codes of practice, standards, schedules)
- 4 plant and equipment operating procedures
- 5 the types of equipment to be maintained (to include rotating, non-rotating, heat transfer, control)
- 6 operating principles of all relevant equipment
- 7 the limits of your own responsibility and authority
- 8 how to work with and within your permit to work system

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Suite Downstream Operations

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