
Overview

This unit is about your contribution to the safety aspects of working in a processing environment.

This unit deals with the following:

- 1 Maintain a safe working area
- 2 Maintain the safety of self and others

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

Previous Version:

Adapted from Unit 1 of Refinery Field Operations NOS – version April 2005

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Performance criteria

You must be able to:

- P1 identify safety hazards
- P2 take appropriate action on the identification of safety hazards
- P3 ensure that access to and egress from working area is maintained at all times
- P4 keep working area clean and tidy in accordance with requirements
- P5 keep clear all escape routes and access to emergency and safety equipment
- P6 ensure that only authorised people are allowed access to the work area
- P7 return safety equipment and approved tools to designated areas after use and report any defects
- P8 ensure that safety equipment and approved tools are fit for purpose
- P9 correctly use all relevant safety equipment and approved tools
- P10 correctly use specified PPE in designated areas
- P11 access and use additional resources as appropriate
- P12 correctly use manual handling methods
- P13 work safely in accordance with operational requirements

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Knowledge and understanding

You need to know and understand:

- K1 the appropriate actions to take on the identification of safety hazards (e.g. rectification of hazard within your scope of authority; prompt reporting, discontinuation of work, making those affected aware including first line supervision, contractors, other company personnel and visitors)
- K2 how to keep the working area satisfactorily clean and tidy
- K3 the procedures for allowing people access and egress from the work area
- K4 how to identify and report defects in safety equipment and approved tools
- K5 how to ensure that safety equipment (e.g. approved site personal protective equipment, safety showers, eye baths, gas detection equipment, fire fighting equipment) and approved tools are fit for purpose
- K6 how to report any defects to immediate supervision
- K7 how to identify the need for additional resources and then how to access and use them
- K8 how to use approved manual handling methods

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Additional Information

Scope/range related to performance criteria

This unit includes the following:

- 1 how to select, use and care for personal protective clothing (to include sight/hearing protection, gloves, footwear, hard hats, respirators)
- 2 the plant layout in the working area
- 3 the potential hazards associated with the particular working area
- 4 the position of other relevant areas outside the plant
- 5 the types of activity occurring, and possible hazards, in areas adjacent to plant
- 6 your own responsibilities and duties
- 7 the reasons for use of safety equipment and devices and protective clothing
- 8 the procedures for obtaining medical assistance
- 9 the safety roles of immediate supervisors, colleagues and safety representatives
- 10 the location and position of emergency exits, muster points and emergency equipment
- 11 the appropriate responses to fire and gas alarms on adjacent plant
- 12 the potential hazards associated with work procedures and the safety precautions required
- 13 your duties under current health, safety and environmental legislation
- 14 how to work with and within your permit to work system

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