
Overview

This unit is about your competence in minimising risks arising from accidents and incidents by taking the appropriate action. This will require taking action to minimise risks to personnel and property, calling for help following an incident, following shutdown and evacuation procedures and where possible taking action. This unit is common to the Mechanical, Electrical and Instrumentation & Control disciplines.

This unit deals with the following:

- 1 Deal with hazards

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

Previous Version:

Adapted from Unit C2.3 of Process Engineering Maintenance NOS – version February 2004. This unit is a contextualised version of a unit produced by the OSC Eng Engineering Competence Standards which was originally designated ECS 7.06.

Performance criteria

You must be able to:

- P1 work safely at all times, complying with health and safety and other relevant regulations and guidelines
- P2 call for expert help in the event of contingencies occurring, using warning systems as appropriate
- P3 take prompt and appropriate action to minimize risk of personal and third party injury as a first priority and then damage to property and equipment
- P4 follow shutdown and evacuation procedures promptly and correctly
- P5 deal safely with dangers that can be contained using appropriate equipment and materials, in accordance with organisational policy and procedures

Knowledge and understanding

You need to know and understand:

- K1 you must have a working knowledge and understanding of what your responsibilities are in respect of Health, Safety and Environment. This should include the limits of your personal responsibility, your legal responsibility for your own health and safety and the health and safety of others
- K2 you must have a working knowledge of the relevant regulations and the safe working practices and procedures required within your work area
- K3 you must have an appreciation of the first aid procedures. This must include the locations of the first aid stations and where to find the list of approved staff trained in first aid
- K4 you must have a working knowledge and understanding on the evacuation procedures from the work site to a safe area
- K5 you must have an appreciation of the contingency reporting documentation and systems for the work site
- K6 you must have an appreciation of the reporting lines and procedures for the work site

Additional Information

Scope/range

- 1 The level and extent of responsibility is limited to working within agreed specifications and following clearly defined procedures with regard to dealing with risks arising from incidents and accidents. You will be expected to take immediate action appropriate to the circumstances
- 2 The types of contingencies which are likely to be encountered are:
Slips trips and falls
Hydrocarbon alarm
Hazardous gas alert
- 3 The actions to be taken will be clearly defined and incorporated into company procedures

Scope/range related to knowledge and understanding

The Knowledge and Understanding levels expressed indicate the minimum level of knowledge and understanding sufficient to perform your role in a manner that would normally be associated with the minimum acceptable performance of a competent person undertaking your role.

The expression “an appreciation” is intended to indicate a level of knowledge and understanding equating to:

- 1 An awareness of the existence, the scope and the background to the content covered by the knowledge and understanding statement
- 2 How and where to find further detail and information that you will need
- 3 Having obtained the information, you will be expected to check your interpretation and then to be able to apply it to your situation

The expression “working knowledge and understanding” indicates you are able to:

- 4 Identify and apply relevant information, procedures and practices to your usual role in your expected working environments needing only occasional recourse to reference materials
- 5 Describe, in your own words, the principles underlying your working methods. This does not mean the ability to quote “Chapter and verse”. Rather you must know what supporting information is available, how and where to find it and from whom to seek further guidance and information confirm any additional required detail
- 6 Interpret and apply the information obtained to your role, your working practice and in your expected working environment

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Deal with hazards

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Suite Process Engineering Maintenance

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