

COGDO15 - SQA Unit Code H38F 04

Managing the response to incidents, hazardous conditions and emergencies in downstream operations



Overview

This unit is about your competence to manage the response to incidents, hazardous conditions and emergencies.

This unit deals with the following:

- 1 Manage the reporting of incidents, hazardous conditions and emergencies
- 2 Manage the correction of incidents, hazardous conditions and emergencies

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 15 of Refinery Field Operations NOS – version April 2005

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Performance criteria

- You must be able to:*
- P1 confirm the nature, location and scope of incident
 - P2 raise the appropriate alarms
 - P3 report the incident to the appropriate people in accordance with plant reporting procedures
 - P4 provide clear and accurate information to the appropriate people
 - P5 complete all relevant documentation
 - P6 follow appropriate procedures after the situation has been assessed
 - P7 inform appropriate people as actions are taken
 - P8 provide up to date process inventory information to the appropriate people
 - P9 take the correct actions, in accordance with procedures, to make the process safe
 - P10 take the correct actions, in accordance with procedures, to deal with the incident
 - P11 minimise the incident, hazard or emergency
 - P12 minimise waste and loss
 - P13 act promptly and in association with others
 - P14 modify actions in response to changing conditions
 - P15 work safely in accordance with operational requirements

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Knowledge and understanding

You need to know and understand:

- K1 how to select, use and care for PPE (e.g. sight/hearing protection, gloves, footwear, hard hats, respirators, breathing apparatus)
- K2 the implications of statutory (e.g. HASAWA and COSHH) and organisational requirements
- K3 how to interpret operational requirements (e.g. policies, procedures, instructions, codes of practice, standards, schedules)
- K4 how to work with and within the Permit to Work system
- K5 the types of incidents which should be reported
- K6 how the alarm should be raised for each type of incident
- K7 how to access, interpret and implement site emergency plans, environmental procedures, plant emergency procedures
- K8 the procedure for responding at an early stage of an incident
- K9 your own responsibilities during emergencies
- K10 the potential incidents within your area of responsibility and the action to be taken
- K11 the need for and use of specified emergency equipment
- K12 the appropriate first response to casualties
- K13 the effect of emergency on plant, equipment and personnel
- K14 the appropriate communications procedures
- K15 how to communicate effectively (e.g. verbal, written)

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Additional Information

Scope/range

Reporting and correcting incidents, hazardous conditions and emergencies that may occur e.g.:

- 1 Fire
- 2 Toxic vapour and/or liquid release
- 3 Injured personnel
- 4 Flood
- 5 Uncontrolled release of hydrocarbons
- 6 Explosions
- 7 Major plant and service failure
- 8 Control room equipment failure

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