

# COGBLO6 - SQA Unit Code FA6Y 04

## Contribute to the safety of bulk liquid operations



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### Overview

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

This unit deals with the following:

- 1 Maintaining a safe working area
- 2 Reporting incidents, hazardous conditions and emergencies
- 3 Contributing to 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 Bulk Liquid Warehousing NOS - July 2001

#### Performance criteria

*You must be able to:*

- P1 contribute to the assessment of risk
- P2 ensure that clear access to and egress from working area is maintained at all times
- P3 keep working area clean and tidy in accordance with requirements
- P4 keep clear all escape routes and access to emergency and safety equipment
- P5 effectively ensure that only authorised people are allowed access to the work area
- P6 return safety equipment and tools to designated areas after use and reported any defects
- P7 accurately verify the nature, location and scope of incident
- P8 effectively raise the appropriate alarms
- P9 report the incident to the appropriate people in accordance with site reporting procedures
- P10 provide accurate and unambiguous information to the appropriate people
- P11 take the correct actions, in accordance with procedures, to deal with the incident
- P12 effectively inform appropriate people as actions are taken
- P13 effectively minimise the incident, hazard or emergency
- P14 effectively minimise waste and loss
- P15 correctly modify actions in response to changing conditions
- P16 communicate all relevant information to the appropriate people
- P17 work safely in accordance with operational requirements

### 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)
- 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 site emergency procedures
- K5 the site layout and working area (to include the location and position of emergency exits, muster points and emergency equipment)
- K6 the potential hazards associated with the particular working area
- K7 the types of activity occurring, and possible hazards, in adjacent areas
- K8 your own responsibilities and duties
- K9 the reasons for use of safety equipment and devices and protective clothing
- K10 the procedures for obtaining medical assistance
- K11 the safety roles of others
- K12 the appropriate responses to alarms (e.g. fire, gas)
- K13 the potential hazards associated with work procedures and the safety precautions required
- K14 the relevance of risk assessment in the workplace
- K15 your duties under current environmental legislation
- K16 the appropriate actions to take on identification of safety hazards (e.g. rectification of hazard, prompt reporting, discontinuation of work, making affected others, including contractors, company personnel and visitors, aware, directing affected others to a safe area)
- K17 how to keep the working area satisfactorily clean and tidy
- K18 the procedures for unauthorised people in the work area
- K19 how to identify and report defects in safety equipment and approved tools
- K20 the types of incidents which should be reported (e.g. fire, flood, uncontrolled release of product, explosion, injured person, equipment or service failure)
- K21 how the alarm should be raised for each type of incident
- K22 how to access, interpret and implement site emergency plans and procedures (e.g. environmental)

### Additional Information

#### Scope/range

- 1 How to select, use and care for PPE (e.g. sight/hearing protection, gloves, footwear, hard hats, respirators)
- 2 The implications of statutory (e.g. HASAWA and COSHH) and organisational requirements
- 3 How to interpret operational requirements (e.g. policies, procedures, instructions, codes of practice, standards, schedules)
- 4 Site emergency procedures
- 5 The site layout and working area (to include the location and position of emergency exits, muster points and emergency equipment)
- 6 The potential hazards associated with the particular working area
- 7 The types of activity occurring, and possible hazards, in adjacent areas
- 8 Your own responsibilities and duties
- 9 The reasons for use of safety equipment and devices and protective clothing
- 10 The procedures for obtaining medical assistance
- 11 The safety roles of others
- 12 The appropriate responses to alarms (e.g. fire, gas)
- 13 The potential hazards associated with work procedures and the safety precautions required
- 14 The relevance of risk assessment in the workplace
- 15 Your duties under current environmental legislation
- 16 The information to communicate (e.g. written, verbal, electronic) and to whom

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**Relevant occupations** Engineering and manufacturing technologies; Manufacturing technologies; Process, Plant and Machine Operatives; Process Operatives

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**Suite** Bulk Liquid Operations

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