

COGODR1 - SQA Unit Code D7X0 04

Contribute to safety, health and environmental protection



Overview

This unit is about the observation of safety, health and environmental protection requirements within a typical offshore working environment. It deals with the use of personal protective equipment and other safety equipment, as well as general behaviour when carrying out the work activities associated with drilling operations including working at height. The unit also deals with the competence that is needed to make an effective contribution to the control of emergencies and critical situations that may arise. This unit deals with the following:

- 1 Conform To Legislative And General Safety, Health And Environmental Requirements
- 2 Contribute To The Control Of Emergencies And Critical Situations
- 3 Working At Height

Performance criteria

- You must be able to:*
- P1 found out about your **personal responsibilities** for meeting health and safety requirements when starting a new task or joining a new site of work
 - P2 behaved in a way that maintains your own and others' health and safety
 - P3 reported any hazardous conditions and occurrences encountered to the person responsible in their workplace
 - P4 refused to undertake tasks that you considered to be unsafe or posed a substantial risk to yourself or others
 - P5 selected and used personal protective equipment that is relevant to the work to be done
 - P6 selected and used safety equipment as required by operational practices and procedures and returned it to its designated location in a clean and functional condition
 - P7 observed safe working practices and procedures, secured and used machine guards and operated, handled and stored tools and equipment safely and securely
 - P8 kept the work area for which you are responsible clean and tidy and applied the control measures that are stated in risk assessments
 - P9 **handled** and stored **materials** in accordance with COSHH regulations and current procedures and practices
 - P10 disposed of waste materials according to current procedures and practices on the installation.
 - P11 accurately identified potential and actual **Emergency and critical situations** and raised the appropriate alarms
 - P12 monitored the situation and taken the relevant actions to minimise risks to people, the environment, plant and equipment in line with your personal responsibilities
 - P13 where possible and safe, taken action to control and alleviate the situation
 - P14 complied with the reporting requirements of the organisation and installation
 - P15 given clear, accurate and understandable information in relation to the emergency
 - P16 adhered to the mustering, emergency and escape practices and procedures outlined in the Station Bill
 - P17 carried out a Risk Assessment in accordance with the organisation and planning of the task prior to commencing to eliminate the risk of a fall
 - P18 ensured that all Personal Fall Protection Equipment for task is certified
 - P19 carried out a pre-use inspection of all Personal Fall Protection Equipment
 - P20 reviewed rescue plan and ensured that necessary equipment in place
 - P21 restrained all necessary equipment / tools as necessary to prevent

- dropped objects
- P22 maintained effective communications and working relationships with relevant personnel
- P23 ensured that access and egress to worksite is maintained and site safety standards maintained
- P24 considered environmental conditions during the planning stage and throughout the task
- P25 made any concurrent operations aware of the work and informed of them any changes in the work scope
- P26 carried out pre –use inspection in compliance with permit/procedures and risk assessment
- P27 worked safely in accordance with operational requirements and associated **Safe Systems of Work**

Knowledge and understanding

You need to know and understand:

- K1 workplace reporting procedures
- K2 safe manual handling and lifting techniques
- K3 how to read and interpret the information on material labels so as to determine the control and handling requirements needed by the COSHH regulations
- K4 the locations, contents and use of the spill kits provided
- K5 what constitutes an emergency and a critical situation; what their implications are and the importance of reporting and dealing with them in a fast and controlled manner
- K6 when your personal responsibilities require you to make a situation safe, when to try to contain it, when to shut down plant and equipment and when to evacuate the work area
- K7 how the alarm should be raised for man overboard; gas or hydrocarbon discharge; fire
- K8 how to establish individual, personal responsibilities under the installation emergency procedures
- K9 what alarm systems are used on a drilling installation and when to use them
- K10 your duties and responsibilities are according to the Station Bill
- K11 the principle and practice of carrying out a Risk Assessment
- K12 the procedure for reporting any defects in any of the Personal Fall Protection Equipment
- K13 the pre-use equipment checks to be made on portable ladders; scaffolding; fixed ladders; hatches (i.e. deck)
- K14 the three points of contact method when ascending/descending ladders
- K15 Suspension Syndrome and the actions taken to minimise the risks
- K16 the precautions/controls to be taken while working on top of tubulars (i.e. bundled, laid out)
- K17 when and why you would use specific equipment (to include fall arrest; work positioning; work restraint)
- K18 the purpose of carrying out post-use inspection of Personal Fall Protection Equipment
- K19 the Work Guidelines and safety management system procedures that apply to Working at Height

Additional Information

Scope/range

The following terms in **bold** relate directly to those shown in **bold** in the Performance Statements.

- 1 **Personal responsibilities** must include when working alone; working as part of a team
- 2 **Handled materials** may include flammable materials; toxic materials; explosive materials; radioactive materials; corrosive materials
- 3 **Emergency and critical situations** may include man overboard; abandon installation; fire; extreme weather; H2S alarm; hydrocarbon alarm; kick
- 4 **Safe Systems of Work** must include processes or systems that incorporate Hazard Identification, Risk Assessment, Permit to Work and any other associated systems

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

- 1 How to use 'Safe Systems of Work' processes to identify hazards and mitigate or reduce risks to as low as reasonably practicable (ALARP)
- 2 How to select, use and care for PPE (to include sight/hearing protection, coveralls, gloves, footwear, hard hats, respirators)
- 3 The implication of statutory (e.g. HASAWA and COSHH) and organisational requirements
- 4 How to interpret operational requirements (e.g. relevant policies, procedures, instructions, codes of practice, standards, schedules)

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