

COGFPSO34

Respond to FPSO/FSU emergencies



Overview

This unit is concerned with ensuring that a safe and effective contribution is made by the FPSO/FSU Deck Operator when responding to an emergency which could become a threat to life, the installation and the environment.

This unit deals with the following:

- 1 Respond to emergencies

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:

Unit MDO34 National Occupational Standards in FPSO/FSU – April 2005

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Performance criteria

- You must be able to:*
- P1 follow emergency procedures
 - P2 assess the situation and take appropriate actions
 - P3 communicate correct and accurate information to relevant personnel
 - P4 follow established procedures as instructed during muster

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Knowledge and understanding

You need to know and understand:

- K1 how to correctly interpret the emergency procedures (to include offshore procedures, work instructions)
- K2 how to assess and report the situation and take the appropriate actions
- K3 how to communicate correct and accurate information (to include verbal, visual, formal, informal) to relevant personnel
- K4 the established procedures for the installation to be followed as instructed at muster
- K5 how to select, use and care for PPE (to include sight/hearing protection, gloves, footwear, hard hats, respirators)
- K6 the implications of statutory (e.g. HASAWA and COSHH) and organisational requirements
- K7 how to interpret operational requirements (e.g. relevant policies, procedures, instructions, codes of practice, standards and schedules) including station bill and emergency procedures, pollution control measures
- K8 the types of alarms and signals and how they are used in a critical situation (to include audible; warning gestures; oral warnings; installation specific system)
- K9 how to give and receive understandable and appropriate information (to include oral, telephone, public address system, radio, hand signals)
- K10 how to locate and identify all associated cargo and ballast handling, process equipment, fixed and portable FFA and LSA facilities as appropriate using P + ID's
- K11 the layout/function/operation of the ballast system, cargo system, crude oil washing, inert gas system, crude off-loading and metering, fixed mooring system, instrument and plant air, vessel cooling water, diesel system and hydraulic system
- K12 how to establish/maintain effective fixed/mobile communications with relevant internal/external personnel (e.g. supervisors, operators, standby vessel/other vessel officers)
- K13 how to carry out positive reporting of instructional actions, tasks, safety measures and checks in full
- K14 the function and operation of the Fire and Gas system
- K15 the location, function and operation of fixed and portable fire fighting systems and equipment
- K16 how to manually initiate deluge systems, fire suppression or other appropriate systems
- K17 the geography of the installation
- K18 the procedures and methods for safely and effectively shutting down systems

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