

# COGFPSO33

## Contribute to a FPSO/FSU critical situation



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### Overview

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

This unit deals with the following:

- 1 Contribute to the control of critical situations

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 MDO33 National Occupational Standards in FPSO/FSU – April 2005

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### Performance criteria

*You must be able to:*

- P1 follow established procedures and raise the appropriate alarm
- P2 assess accurately the nature of the situation
- P3 take appropriate actions based on decisions made
- P4 communicate correct and accurate information to relevant personnel
- P5 provide assistance and response to specific instructions as required

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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 and work instructions) and the location/operation of the nearest appropriate point to raise the alarm
- K2 how to assess and report the nature of the situation
- K3 how to communicate correct and accurate information (to include written, verbal, visual, formal, informal) to the relevant personnel
- K4 procedures necessary to enable you to take prompt, appropriate actions
- K5 how to respond to critical situations and provide the appropriate assistance necessary
- K6 how to select, use and care for PPE (to include sight/hearing protection, gloves, footwear, hard hats, respirators)
- K7 the implications of statutory (e.g. HASAWA and COSHH) and organisational requirements
- K8 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
- K9 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)
- K10 how to give and receive understandable and appropriate information (to include oral, telephone, public address system, radio, hand signals)
- K11 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
- K12 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
- K13 how to establish/maintain effective fixed/mobile communications with relevant internal/external personnel (e.g. supervisors, operators, standby vessel/other vessel officers)
- K14 how to carry out positive reporting of instructional actions, tasks, safety measures and checks in full
- K15 the function and operation of the Fire and Gas system
- K16 the location, function and operation of fixed and portable fire fighting systems and equipment
- K17 how to manually initiate deluge systems, fire suppression or other appropriate systems
- K18 the geography of the installation
- K19 the procedures and methods for safely and effectively shutting down

## **COGFPSO33**

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systems

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**Originating organisation** Cogent

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**Original URN** FPSO33

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

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**Suite** Floating Production & Storage Offload (FPSO)

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**Key words** safe, efficient, control, critical situations, installation, environment