

COGFPSO27

Contribute to shutdown of the cargo transfer operations



Overview

This unit is concerned with ensuring that a safe and efficient contribution is made by the FPSO/FSU Deck Operator to the shutdown of the Cargo Transfer operations for the following Cargo Handling and Ballast Control system operations:

- 1 processing (to include temperature control)
- 2 offloading/metering
- 3 storage
- 4 isolated
- 5 offloading station
- 6 shuttle connection

This unit deals with the following:

- 1 Shutdown cargo transfer operations

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 MDO27 National Occupational Standards in FPSO/FSU – April 2005

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Performance criteria

You must be able to:

- P1 report the cargo status and respond to shutdown requirements
- P2 maintain communications with relevant personnel
- P3 monitor and report and shutdown to ensure satisfactory progress
- P4 monitor operations for potential abnormal situations, report and respond to them as appropriate
- P5 contribute to relevant log details

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Knowledge and understanding

You need to know and understand:

- K1 how to report cargo status (to include processing with temperature control, metering, storage, isolated tanks)
- K2 how to implement the shutdown requirements
- K3 the procedures and methods of shutting down systems
- K4 how to monitor and report a shutdown to ensure safe and satisfactory progress
- K5 the procedures necessary to effectively monitor operations for abnormal situations
- K6 how to safely and effectively report and respond to abnormal situations
- K7 how to clearly and accurately contribute to the relevant log details
- K8 how to select, use and care for PPE (to include sight/hearing, protection, gloves, footwear, hard hats, respirators)
- K9 the implications of statutory (e.g. HASAWA and COSHH) and organisational requirements
- K10 how to interpret operational requirements (e.g. relevant policies, procedures, instructions, codes of practice, standards, schedules) to include station bill and emergency procedures
- K11 how to locate and identify associated process equipment using P + ID's and Process Flow Diagrams as appropriate
- K12 the layout/function/operation of: process flows, ballast system, cargo system, crude oil washing, inert gas system, crude off-loading and metering, FPSO/FSU mooring system, instrument and plant air, vessel cooling water, diesel system, hydraulic system, fire and gas system, using P + ID's and Process Flow Diagrams as appropriate
- K13 how to manually initiate the deluge systems, the various fire suppression systems and fixed and portable fire fighting systems
- K14 the geography of the installation
- K15 the safety measures that need to be put in place and all the safety practices/procedures which must be adhered to
- K16 how to effectively establish and maintain effective fixed/mobile communications between the relevant internal/external personnel
- K17 how to carry out positive reporting of designated actions, assigned tasks, safety measures and checks ensuring reports are clear, accurate and complete
- K18 how to carry out effective handovers between shifts and maintain continuity
- K19 the procedures necessary to carry out effective trouble shooting
- K20 the location, function and operation of ESD systems using P & ID's as appropriate
- K21 the location of process high pressures, high temperatures and the relevant safety measures

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K22 the permit to work system

K23 the emergency procedures relevant to the cargo handling system

K24 the emergency procedures relevant to the ballast control system

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Suite Floating Production & Storage Offload (FPSO)

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