

COGFPSO29

Contribute to the start up for cargo offloading operations with shuttle tanker



Overview

This unit is concerned with ensuring that a safe and efficient contribution is made by the FPSO/FSU Deck Operator to the start up of Cargo Offloading operations.

This unit deals with the following:

- 1 Contribute to start up for cargo offloading 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 MDO29 National Occupational Standards in FPSO/FSU – April 2005

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Performance criteria

You must be able to:

- P1 contribute to start up of cargo offloading operations
- P2 commence initial cargo offloading
- P3 verify and report cargo offloading status
- P4 report full cargo offloading operations
- P5 monitor operations for potentially abnormal situations, report and respond to them as appropriate
- P6 maintain communications with shuttle tanker and control room
- P7 ensure and confirm steady state condition
- P8 contribute to ongoing log details

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Knowledge and understanding

You need to know and understand:

- K1 the procedures to obtain permission for cargo offloading operations
- K2 how to start initial cargo offloading
- K3 how to verify cargo offloading status (to include processing with temperature control, offloading/metering, storage, offloading station, shuttle connection)
- K4 the procedures necessary to effectively monitor operations for potentially abnormal situations
- K5 how to report and respond to abnormal situations
- K6 how to ensure and confirm steady state conditions
- K7 requirements for contributing 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 effective handovers between shifts and maintain continuity
- K18 the procedures necessary to carry out effective trouble shooting
- K19 the location, function and operation of ESD systems using P & ID's as appropriate
- K20 the location of process high pressures, high temperatures and the relevant safety measures
- K21 the permit to work system

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K22 the emergency procedures relevant to the cargo handling system

K23 the emergency procedures relevant to the ballast control system

K24 the emergency procedures relevant to shuttle tanker operations

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

Suite Floating Production & Storage Offload (FPSO)

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