

COGFPSO36

Re-instate FPSO/FSU plant and equipment after maintenance



Overview

This unit is concerned with ensuring that the FPSO/FSU Deck Operator carries out the re-instatement of the FPSO/FSU plant and equipment, safely and efficiently, after maintenance activities.

This unit deals with the following:

- 1 Reinstatement of plant and equipment

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 MDO36 National Occupational Standards in FPSO/FSU – April 2005

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Performance criteria

- You must be able to:*
- P1 consider the impact of re-instatement on the operation of plant
 - P2 complete correctly the de-isolation of plant and equipment and sign off permits
 - P3 carry out re-instating checks
 - P4 seek clearance for start from the relevant personnel
 - P5 re-instate plant and equipment
 - P6 log all relevant data

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Knowledge and understanding

You need to know and understand:

- K1 plant layout and its integration with other complex processes and systems
- K2 effects of re-instatement on the operation of the plant
- K3 the normal operating parameters of systems and their tolerance
- K4 de-isolation procedures necessary
- K5 the procedures for signing off permits
- K6 how to determine and carry out re-instatement checks (to include prime, test)
- K7 how to obtain clearance from start from the relevant personnel (e.g. Supervisor, Operators, Technicians)
- K8 how to re-instate the plant and equipment (to include power systems, process systems)
- K9 knowledge of data required for logging
- K10 how to select use and care for PPE (to include sight/hearing protection, gloves, footwear, hard hats and respirators)
- K11 the implications of statutory (e.g. HASAWA and COSHH) and organisational requirements
- K12 how to interpret operational requirements (e.g. policies, procedures, instructions, codes of practice, standards and schedules)
- K13 how to locate and identify associated process equipment using P + ID's as appropriate
- K14 sources of information and interpretation of drawings, workpacks and manuals regarding isolation and re-instatement activities
- K15 permit to work system (to include Hot Work, Cold Work, isolation certificates)
- K16 the isolation philosophy and relevant procedures
- K17 the safety measures that need to be put in place and all the safety practices/procedures which must be adhered to
- K18 how to effectively maintain communications between the relevant supervisor, operators and technicians
- K19 how to carry out positive reporting of designated actions, assigned tasks, safety measures and checks, ensuring reports are clear, accurate and complete
- K20 how to carry out effective handovers between shifts and maintain continuity
- K21 the location, function and operation of ESD systems using P + ID's as appropriate
- K22 the location of process high pressures, high temperatures and the relevant safety measures
- K23 the procedures for entry into confined spaces

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