
Overview

This standard is about your competence in preparing plant for others to maintain.

This standard deals with the following:

- 1 Prepare equipment
- 2 Prepare the work area
- 3 Accept back equipment

During this work you must take account of the relevant operational requirements and safe working practices AS THEY APPLY TO YOU.

This standard deals with the following:

- 1 how to select, use and care for personal protective equipment (including sight, hearing protection, gloves, footwear, hard hats, respirators)
- 2 the implications of statutory and organisational requirements
- 3 how to interpret operational requirements (including policies, procedures, instructions, codes of practice, standards, schedules)
- 4 the equipment relevant to your work area (including rotating, non- rotating, heat transfer, control)
- 5 how to carry out checks and tests (including visual inspection, line up, equipment integrity tests)
- 6 how to work with and within your permit to work system

This Standard is suitable for those working in the downstream fuel environment.

Previous Version:

Adapted from Unit 8 of Refinery Field Operations NOS – version April 2005

Performance criteria

- You must be able to:*
- P1 communicate effectively with appropriate personnel
 - P2 isolate the correct items from both process and energy source
 - P3 correctly dispose of equipment contents in accordance with procedures
 - P4 follow the permit to work procedures
 - P5 select, use and care for personal protective equipment
 - P6 supply the maintenance personnel with all relevant information
 - P7 complete all relevant documentation
 - P8 securely shield any equipment that could be adversely affected by maintenance activities
 - P9 cordon off work areas as appropriate
 - P10 prepare the work area as specified in the permit to work procedures
 - P11 correctly and promptly inform permit signatory when conditions are adversely changed
 - P12 confirm that work area preparations are complete
 - P13 ensure that the permit to work conditions is fully met
 - P14 confirm that the work on plant and equipment is complete
 - P15 identify any outstanding problems and reported these to the appropriate personnel
 - P16 check the integrity of equipment before accepting back
 - P17 work safely in accordance with operational requirements

Knowledge and understanding

- You need to know and understand:*
- K1 the information required by maintenance personnel for the equipment to be worked on
 - K2 the isolation techniques for all relevant items of equipment
 - K3 how to identify and deal with abnormal occurrences during isolation, draining, purging, flushing and venting
 - K4 the importance of: complying with statutory regulations, site procedures being implemented, following permit to work procedures
 - K5 the effect of operating conditions on equipment preparation
 - K6 the operating principles of relevant equipment
 - K7 the operating conditions and parameters
 - K8 how to identify hazards within the work area
 - K9 how and when to cordon off a work area
 - K10 how hazardous conditions can arise in a previously prepared area
 - K11 the implications of commencing work in an area that is not prepared
 - K12 how to communicate effectively and to whom
 - K13 why controlled entry to work area is required
 - K14 how and why people need to be informed of work about to commence
 - K15 the operating conditions of relevant equipment which may impact on the work area
 - K16 why work area must be handed back in accordance with the permit conditions
 - K17 why permits associated with the activity have to be completed
 - K18 the implications of accepting back incomplete equipment
 - K19 how the operation of incomplete equipment affects the work activity

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