

Overview

This standard is about your competence in handling non-routine information relating to the condition of process plant and equipment. This includes rotating, non-rotating and storage, heat transfer and control equipment.

This standard deals with the following:

- 1 Diagnose faults affecting plant conditions
- 2 Take non-routine field readings on plant conditions
- 3 Communicate non-routine information on plant conditions

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

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

Previous version:

Adapted from Unit 5 of Refinery Field Operations NOS – version April 2005

Performance criteria

You must be able to:

- P1 perform all relevant checks
- P2 gather all relevant information from the appropriate sources
- P3 analyse the problem in a systematic and effective manner
- P4 interpret the available information and provide relevant solutions to the problem
- P5 establish and record the actions required to solve the problem
- P6 inform all relevant people of the problem, its solution and any possible impact on them
- P7 correctly take the appropriate field readings
- P8 correctly fit any additional monitoring equipment
- P9 inform all relevant people that the field readings are being taken and of any possible impact on them
- P10 prepare accurate and clear records after taking readings within an appropriate timescale
- P11 provide prompt, accurate and clear information on plant status to the appropriate people
- P12 pass records to the appropriate people where no further personal action is required
- P13 complete all relevant documentation
- P14 work safely in accordance with operational requirements

Knowledge and understanding

You need to know and understand:

- K1 how to select, use and care for PPE
- K2 the implications of statutory and organisational requirements
- K3 how to interpret operational requirements
- K4 how to work with and within the Permit to Work system
- K5 the operating principles of relevant equipment
- K6 how to perform the relevant checks
- K7 how to access relevant information
- K8 how to identify, gather and understand information which is relevant to the problem
- K9 how to access and gain information from the relevant sources
- K10 the possible causes to be investigated and the order of priority
- K11 the most likely root cause of the problem and the appropriate actions to implement
- K12 the consequences to your work area and other areas should the fault not be rectified
- K13 how to implement a systematic and effective analysis
- K14 the operating principles, conditions and parameters of the relevant plant
- K15 the need for, and possible outcome of, surveys
- K16 how to access, interpret and contribute to equipment records
- K17 what actions to take on identification of abnormal results
- K18 the consequences of not producing written and verbal reports within the required timescale
- K19 how to use log books and data sheets effectively
- K20 the importance of communication
- K21 the consequences of poor and inaccurate communication
- K22 when and how communication links should be used between field operators and others

COGDO5

Handling non-routine information on plant condition in downstream operations



Developed by Cogent

Version Number 2

Date Approved 29 Mar 2019

Indicative Review Date 29 Mar 2024

Validity Current

Status Original

Originating Organisation Cogent

Original URN DO5

Relevant Occupations Engineering, Engineering and Manufacturing Technologies, Plant and Machine Operatives, Process, Plant and Machine Operatives

Suite Downstream Operations

Keywords handle, non-routine, information, plant, conditions, equipment, faults, diagnosis, safety
