

Controlling process operations in downstream operations

Overview

This standard is about your contribution to controlling the process.

This standard deals with the following:

- 1 Maintain process conditions
- 2 Achieve and optimise new process 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 14 of Refinery Field Operations NOS – version April 2005

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Performance criteria

- You must be able to:*
- P1 maintain the process conditions in accordance with specification
 - P2 record and report conditions outside accepted tolerances to appropriate people
 - P3 ensure that necessary adjustments cause minimum process upset
 - P4 ensure that new conditions are achieved and optimised
 - P5 maintain systematic monitoring of conditions throughout the operation
 - P6 use operational resources
 - P7 complete all relevant documentation
 - P8 respond appropriately to all alarms
 - P9 communicate all relevant information to appropriate people
 - P10 work safely in accordance with operational requirements

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Knowledge and understanding

- You need to know and understand:*
- K1 the implications of statutory and organisational requirements
 - K2 how to interpret operational requirements
 - K3 how to work with and within the Permit to Work system
 - K4 the principles of controlling process operations
 - K5 how to achieve minimum process upset during adjustment
 - K6 the principles of achieving and optimising new process conditions
 - K7 how to use operational resources efficiently
 - K8 how to implement a systematic monitoring system
 - K9 the appropriate records
 - K10 the principles of mass balance

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