

COGDO14 - SQA Unit Code H38E 04

Controlling process operations in downstream operations



Overview

This unit is about your contribution to controlling the process.

This unit 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.

Previous Version:

Adapted from Unit 14 of Refinery Field Operations NOS – version April 2005

**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

Knowledge and understanding

You need to know and understand:

- K1 the implications of statutory (e.g. HASAWA and COSHH) and organisational requirements
- K2 how to interpret operational requirements (e.g. policies, procedures, instructions, codes of practice, standards, schedules)
- 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 (to include log book, specified documentation)
- K10 the principles of mass balance

Additional Information

Scope/range

Controlling the process conditions inside and outside the control room.

Controlling the operating conditions based on relevant information e.g.:

- 1 Results of sample analysis
- 2 Daily planning
- 3 Control applications

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