

Participate in analysing samples in downstream operations

Overview

This standard is about your competence in analysing samples to confirm quality.

This standard deals with the following:

- 1 Prepare to analyse samples
- 2 Analyse samples to confirm quality
- 3 Communicate results of analysis

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:

- 4 how to select, use and care for personal protective equipment (including sight, hearing protection, gloves, footwear, hard hats, respirators)
- 5 the implications of statutory and organisational requirements
- 6 how to interpret operational requirements (including policies, procedures, instructions, codes of practice, standards, schedules)
- 7 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 11 of Refinery Field Operations NOS – version April 2005

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Performance criteria

- You must be able to:*
- P1 obtain containers appropriate for the sample material
 - P2 ensure that containers obtained are clean before use
 - P3 select, use and care for personal protective equipment
 - P4 ensure that suitable analysis equipment is set up and cleaned correctly
 - P5 ensure that the analysis equipment is fit for purpose
 - P6 prepare for analysis in the appropriate designated area
 - P7 ensure that the sample preparations match schedule, instructions and procedures
 - P8 analyse the samples in accordance with standard test method
 - P9 leave equipment in a clean and safe condition ready for re-use
 - P10 leave the work area in a safe and clean condition
 - P11 retain the sample in accordance with procedures
 - P12 work safely in accordance with operational requirements
 - P13 inform appropriate personnel of results

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Knowledge and understanding

You need to know and understand:

- K1 how to ensure that analysis equipment is fit for purpose
- K2 why it is essential to clean equipment
- K3 the location of nearest safety equipment
- K4 the incidents which might occur while analysing samples and the action to be taken
- K5 the principles of analysis
- K6 the importance of matching schedule and instructions when analysing samples

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