

COGJO11

Take measurements and perform calculations of product in jetty operations



Overview

You will be involved in activities such as:

- 1 Take measurements and perform calculations of product

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

Previous Version: Liquid Transfer & Storage National Occupational Standards
– July 2005

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Performance criteria

- You must be able to:*
- P1 ensure that the measurement equipment is fit for purpose before and after use
 - P2 obtain and use the correct PPE
 - P3 maintain the integrity of the product and environmental conditions throughout
 - P4 take and record measurements
 - P5 reinstate source conditions
 - P6 perform all calculations and investigate any unexpected results
 - P7 complete all relevant documentation
 - P8 deal promptly and effectively with problems that are your responsibility, and report those that you cannot solve and/or are not your responsibility to the relevant person
 - P9 work safely in accordance with operational and environmental requirements

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Knowledge and understanding

You need to know and understand:

- K1 how to ensure that the measurement equipment is fit for purpose both before and after measurement
- K2 how to perform the relevant calculations
- K3 how to recognise and deal with unexpected results

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Additional Information

Scope/range related to performance criteria

- 1 Take measurements and perform calculations using direct and meter measurement. Physical quantities may include:
 - 1.1 product quantities
 - 1.2 pressure
 - 1.3 ullage
 - 1.4 product density
 - 1.5 product temperature
 - 1.6 vapour space content

- 2 Context of measurements may include:
 - 2.1 between transfers
 - 2.2 during transfers (receipt of product at tank)
 - 2.3 for stock records
 - 2.4 for client or other agency (for HMC&E records)

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Suite Jetty Operations

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