

EUSGNEM13

Configure utility networks to asset owner's requirements



Overview

This national occupational standard defines the competence needed to configure major utility networks to asset owner's requirements. This will be by setting up planned, unplanned or emergency temporary operating conditions, and re-establishing normal conditions. It involves rigorous following of complex specifications and schedules to ensure they are applied systematically and accurately. It requires managing a complex operation which involves critical adherence to the engineering, safety, and environmental aspects of the work specifications and schedules. A role with responsibility for managing major utilities network configurations is essential

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Performance criteria

You must be able to:

Follow complex specifications, schedules, and procedures to configure network assets

- P1 comply with all product and configurations specifications for both setting up temporary operating conditions of the network and for re-establishing normal operating conditions
- P2 comply with all configurations schedules for both setting up temporary operating conditions of the network and for re-establishing normal operating conditions
- P3 comply with the defined procedures and set up the network correctly, ensuring all operating parameters are achieved
- P4 confirm all statutory and non-statutory regulations and codes of practice are applied and adhered to
- P5 work safely at all times, complying with health and safety and statutory and non-statutory regulations and codes of practice
- P6 comply with environmental requirements

You must be able to:

Make decisions and resolve complex technical problems

- P7 deal promptly and effectively with problems and involve other expertise where necessary
- P8 make sure contingency plans are followed where deviations from the original plan are necessary
- P9 check the network configuration is complete and all the components operate to specification
- P10 confirm legal authority to proceed is in place before work is started
- P11 confirm permits and licences are in place before work is started
- P12 take steps to ensure any discrepancies regarding permits and licences are resolved before work is underway
- P13 make decisions commensurate with your role and responsibility for achieving the asset owner's requirements
- P14 complete all relevant documentation accurately and legibly
- P15 maintain all information systems necessary to ensure the network data is captured and recorded according to required procedures

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Knowledge and understanding

You need to know and understand:

General

- K1 network engineering principles and processes
- K2 health, safety, and environmental issues
- K3 installation principles and processes
- K4 legislative and regulatory frameworks
- K5 organisational procedures and systems
- K6 resource management processes and methods

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Suite Gas Networks Engineering Management

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