

EUSGNEM02

Implement work on utility network assets



Overview

This national occupational standard defines the competence involved in identifying the conditions present on the network and implementing different types of work. The work may be scheduled or planned or be needed in response to abnormal or unscheduled demands. It requires technical understanding of the nature and properties of the network assets and the complexities of the operations. It needs potential risks to be identified during the planning stage and problems to be resolved as they arise.

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Performance criteria

You must be able to:

Plan and implement scheduled and unscheduled work

- P1 assess the work activities required to meet normal or scheduled requirements
- P2 assess the work activities required to meet unscheduled or abnormal demands
- P3 determine the methods and procedures most suitable to carry out the different work activities
- P4 confirm conditions are suitable to implement the work methods and procedures
- P5 ensure quality assurance systems are implemented correctly
- P6 ensure support systems are operating correctly
- P7 confirm there is authority to proceed before work is implemented

You must be able to:

Control the use of resources

- P8 control the use of resources to achieve the most effective results

You must be able to:

Resolve issues or problems relating to the work

- P9 improve the work methods and procedures where opportunities arise and there is scope within the job
- P10 resolve any issues or problems which emerge during the planning and implementation phases

You must be able to:

Use and communicate data and information

- P11 ensure work methods and procedures which are implemented comply with industry regulations and guidelines
- P12 provide clear and accurate instructions to all the people who will be involved
- P13 obtain and confirm information received on the activities being undertaken is accurate
- P14 make and implement decisions consistent with the level and extent of responsibility for the job role

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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 legislative and regulatory frameworks
- K4 organisational procedures and systems
- K5 quality assurance principles and systems
- K6 resource management methods and processes

You need to know and understand:

Work activities

- K7 the procedures that apply to safety, environmental conditions, plant, equipment, resource availability, system readiness, authority to proceed, to ensure the most economic methods are used
- K8 the procedures for different types of planned and normal work
- K9 the procedures for different types of unplanned or abnormal work
- K10 how to identify which conditions are suitable and not suitable for different types of work
- K11 the procedures for obtaining details of the work activities being undertaken
- K12 how to determine what activities are required for different working methods
- K13 the quality assurance systems that are being used
- K14 the support systems that are operating
- K15 the procedures for obtaining information on resources
- K16 how to determine what materials, equipment, people, finance, time, procurement and logistics, and transport, delivery and disposal resources are necessary and are available
- K17 legislation, Codes of Practice and industry procedures which need to be complied with, and the procedures for obtaining information on regulations and guidelines

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Behaviours

You work in a manner which:

1. is positive and creative to setbacks
2. develops an atmosphere of professionalism and mutual support

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