

EUSNCO308

Implement installation and construction methods and procedures for Network Construction Operations



Overview

This unit is designed for the candidate to demonstrate supervisory control of the installation and construction of networks by ensuring that methods and procedures are implemented when conditions are suitable, that Quality Assurance (QA) systems are applied and that there is compliance with relevant regulations and guidelines. The candidate will control resources and issue instructions to ensure that activities are carried out effectively and in line with required methods and procedures.

This unit will apply to Network Construction Operations at Level 3 and is intended for Construction Supervisors.

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Performance criteria

You must be able to:

- P1 confirm that implications and constraints are suitable to implement installation and construction methods and procedures
- P2 provide clear and accurate approved procedures and practices to all the individuals and organisations
- P3 obtain accurate information on the installation and construction methods and procedures being undertaken
- P4 ensure that approved procedures and practices and regulatory requirements are correctly implemented
- P5 ensure that approved procedures and practices are operating correctly
- P6 control the use of equipment, materials and products to achieve the most effective results
- P7 identify opportunities to improve the installation and construction methods and procedures
- P8 ensure that the implementation of installation and construction methods and procedures comply with all approved procedures and practices

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Knowledge and understanding

You need to know and understand:

- K1 organisational requirements for different types of network activities, including re-zoning, mains cleansing, making connections, repairs, replacements, installation, maintenance
- K2 what are the conditions that are suitable and not suitable for different types of installation and construction method and procedure
- K3 how to obtain details of the installation and construction activities being undertaken
- K4 what are the installation and construction activities that are required for different installation and construction methods
- K5 what are the approved procedures and practices that are being used
- K6 how to obtain information on resources, their necessity and availability
- K7 what are the regulatory requirements that are relevant
- K8 how to obtain information and relevance on regulatory requirements and approved procedures and practices
- K9 techniques for resource management

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Additional Information

Scope/range related to performance criteria

1. implications and constraints: customer considerations, work details (including design, extent, location, time, duration, anticipated completion time), availability of resources, effect of weather/seasonal conditions
2. installation and construction methods and procedures: including work by self and others, involving site, equipment, materials and other resources
3. assembly of fittings, pipework and ancillaries positioning and jointing including connections in accordance with industry standards
4. approved procedures and practices: Health, Safety and Environmental related to the individual and others, organisational, regulatory, statutory, emergency, operational, contingency plans, relevant company policies, relevant client policies (internal or external) approved materials and equipment and procedures, and risk assessments
5. individuals and organisations: Customers, contractors, network operatives, colleagues, statutory bodies
6. regulatory requirements: Legislative and statutory requirements including Health, Safety and Environmental, continuity of supply and water quality, industry regulations and requirements
7. equipment, materials and products: Selection of vehicles, tools, ancillary equipment and machines, valves and fittings, pipes and consumables, health, safety and environmental protection equipment, hazardous and non hazardous materials

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