

EUSMUNC05 (SQA Unit Code - FA91 04)

Install equipment for safe working on sites for Utilities Network Construction



Overview

This national occupational standard defines the competence required to follow work instructions and specifications in preparing resources and segregating areas for works off the public highway. It requires competence in interpreting instructions, plans and specifications and segregating areas for works on building and construction sites.

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Performance criteria

You must be able to:

Prepare, segregate and protect the work site

- P1 locate and confirm the area for works according to instructions and specified requirements
- P2 plan work to minimise disruption and inconvenience to others in accordance with approved procedures and practices
- P3 carry out a site-specific risk assessment to identify hazards and to determine the range of control and protection equipment necessary for the works, and review in accordance with company procedures.
- P4 select and wear the designated PPE, including high visibility vest or coat
- P5 set out the area for the works in accordance with the specified requirements
- P6 take steps to provide for the safety of the work area and the natural environment where hazards and risks are identified
- P7 maintain the security of the site where work is not completed

You must be able to:

Prepare resources for site work

- P8 select the materials and equipment to meet the planned works requirement in accordance with the work instructions and specifications
- P9 confirm the materials and equipment supplies are correct for the work requirement and are of the quality and quantity required
- P10 maintain the materials and equipment in storage in accordance with operational and organisational requirements
- P11 maintain the security of materials and equipment in accordance with operational and organisational requirements

You must be able to:

Use and communicate data and information

- P12 use information in the work instructions and specified requirements to locate the work site
- P13 use approved procedures and practices throughout all the work activity to ensure it is in compliance with statutory requirements
- P14 check with authorised personnel any circumstances where information appears incorrect
- P15 use organisational information systems to record and store data and information

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You must be able to:

Resolve problems which arise from preparing the site and resource requirements

- P16 report, to the designated person, any shortages and defects of materials and equipment
- P17 refer problems and conditions outside the responsibility of the job holder to the designated person using approved procedures

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Knowledge and understanding

You need to know and understand:

General

- K1 the main responsibilities of the employer and employee under the Health and Safety at Work Act
- K2 the health and safety guidance governing work in excavations
- K3 the safe procedures for handling hazardous materials
- K4 organisational accident recording and reporting procedures
- K5 the range and use of personal protective equipment for the work

You need to know and understand:

Work site and resource preparation

- K6 the roles and responsibilities of people within the operations team
- K7 site management structures for site operations
- K8 the importance of referring to designated persons, problems that are outside the area of the job holder's responsibility
- K9 procedures for reporting and recording job progress, problems, deviations to work programmes
- K10 the importance of confirming that the work location has been correctly identified
- K11 the types of information contained in written instructions, specifications, and drawings
- K12 the key requirements of an effective site layout
- K13 common hazards in site works and fit-for-purpose safety precautions, and methods of prevention
- K14 methods of dealing with emergencies
- K15 the range of safety equipment in accordance with site operations
- K16 the main requirements of safety legislation governing site works
- K17 materials posing a health hazard and safe handling methods
- K18 the personal protective equipment for use in site operations
- K19 lifting and handling techniques appropriate to the materials, tools and equipment used in site works

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Additional Information

Behaviours

Behaviour which underpins effective performance

You work in a manner in which you:

1. are vigilant to possible risks and hazards
2. treat people with civility

Glossary

Equipment is warning signs, barriers, traffic and pedestrian control equipment

Approved procedures and practices –environmental, statutory regulatory, emergency, operational, health and safety, organisational and company procedures, and risk assessments.

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