

EUSMUNC18 (SQA Unit Code - FC02 04)

Restore Water network components to operational condition by repair



Overview

This national occupational standard defines the competences needed to carry out repairs to components, including the replacement of a short section of main and fitting external mechanical fittings, both temporary and permanent, on mains or services.

EUSMUNC18 (SQA Unit Code - FC02 04)

Restore Water network components to operational condition by repair

Performance criteria

You must be able to:

Restore components to operational condition

- P1 work in accordance with health and safety, environment and hygiene regulations and legislation
- P2 carry out site specific risk assessment, and review in accordance with company procedures
- P3 select and wear the designated PPE
- P4 repair components in accordance with relevant specifications and work instructions
- P5 prepare the component for repair
- P6 carry out the repairs to agreed timescale using approved materials and components
- P7 make sure that the repaired component meets the specified operating conditions and parameters
- P8 carry out all work in accordance with company procedures

You must be able to:

Use and communicate data and information

- P9 produce accurate and complete records of all repair work carried out

You must be able to:

Resolve problems that arise when restoring components to operational condition

- P10 deal promptly and effectively with problems within the control of the job holder and report those that cannot be solved
- P11 refer problems and conditions outside the responsibility of the job holder to the designated person using approved procedures
- P12 deal with any emergencies that may arise

EUSMUNC18 (SQA Unit Code - FC02 04)

Restore Water network components to operational condition by repair

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:

Restore components to operational condition

- K6 health, safety and environment legislation and environmental procedures relevant to the work activities, including Codes of Practice and relevant company procedures
- K7 the importance of following all hygiene procedures
- K8 how to select the repair technique to use for the specification of the component to be repaired
- K9 the various components in use on the water network
- K10 the types of tools and equipment to be used when restoring components to operating condition by repair
- K11 the care and control procedures to be used to ensure compliance with hygiene regulations
- K12 the different types of records and documentation used to record maintenance activities
- K13 the reporting procedures to be used

EUSMUNC18 (SQA Unit Code - FC02 04)

Restore Water network components to operational condition by repair

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

Components - metallic and non-metallic and all ancillary pipes and fittings

Repair - joints, horizontal and circumferential cracks and breaks, corrosion and interference damage

EUSMUNC18 (SQA Unit Code - FC02 04)

Restore Water network components to operational condition by repair

Developed by Energy and Utility Skills

Version number 1

Date approved October 2009

Indicative review date October 2014

Validity Current

Status Original

Originating organisation Energy and Utility Skills

Original URN MUNC18

Relevant occupations Construction, planning and the built environment

Suite Multi-Utility Network Construction

Key words restore, water, network, component, operational, repair, operations, utility, utilities,