

Overview

This Standard is about carrying out in-line water mains connections.

This involves carrying out and testing live connections in line with approved procedures to ensure protection of water quality and the integrity of water networks.

This Standard is for water network construction operatives who carry out in-line water mains connections.

Performance criteria

You must be able to:

1. work in line with relevant health, safety, environment, water quality and other relevant regulations and guidelines at all times
2. obtain information about mains connection work from relevant people, seeking clarification when required
3. carry out connections in line with relevant industry guidance, method statements and work instructions
4. carry out mains connections once authorisation to proceed is obtained from water companies
5. carry out connections in compliance with relevant quality and hygiene standards at all times
6. carry out connections in line with safe working procedures at all times
7. use industry recognised methods to test fittings
8. seek advice regarding any work that cannot be done to specified standards from appropriate people
- P9. follow organisational procedures when work cannot be completed as planned
9. inform water companies when connections are complete using approved procedures
10. complete connection documentation with accurate information and store it in the specified place
11. provide completed work documentation to appropriate people when required

Knowledge and understanding

You need to know and understand:

1. relevant health, safety, environment and other relevant legislation, organisational procedures and codes of practice
2. water regulations and hygiene procedures related to ensuring the integrity and wholesomeness of water supplies, including the importance of personal hygiene
3. water company Design and Construction Specifications (DCS) and organisational procedures for connecting to live networks and testing connections
4. equipment and tools required for mains connections and how to use them
5. any pre-required test documentation
6. approved types of connection and jointing procedures
7. types and use of personal protective equipment (PPE)
8. approved signals and signs for securing and making the work area safe
9. company procedures and lines of responsibility for clarifying instructions, seeking advice and updating on progress
10. approved procedures for dealing with and reporting problems
11. documentation requirements and how to complete and store them

EUSWNC7



Carry out in-line water mains connections to live networks

Developed by	Energy & Utility Skills
Version Number	3
Date Approved	01 Jul 2023
Indicative Review Date	01 Jul 2028
Validity	Current
Status	Original
Originating Organisation	Energy and Utility Skills
Original URN	EUSMNC7
Relevant Occupations	Engineering, Water Network Construction Operative, Water Network Construction Supervisor
Suite	Water Network Construction Operations
Keywords	Water, network, construction
