

Wastewater Network Technician

Unit WWNC05 Wastewater Network Installation and Alteration

This training specification has been developed from the water process technician standard. The specification details the **minimum** training specification, as agreed by industry employers, to deliver the skills and knowledge required to manage developer and customer queries regarding wastewater network installation and alteration in the water sector.

The specification details the critical requirements of the activity to establish competence and does not preclude employers from adding to the skills and knowledge detailed by the specification in their own training programmes.

All work must be carried out to approved procedures and practices and in accordance with statutory health, safety and environmental requirements.

What does this specification look like?

Wastewater network technicians need to be able to:

- WWIA1 Understand the current legislation and standards relating to the control and management of wastewater network installation and alteration
- WWIA2 Identify, understand and comply with company processes and procedures relating to developer and customer requests regarding wastewater network installation and alteration

What do I need to take this module?

Candidates to be **assessed** as competent in this skill area should have completed the modules shown below or have evidence demonstrating an equivalent level of competence:

1. SHEA water or equivalent

Performance Criteria

To achieve this unit, you will need to be able to:

General Requirements

- P1. Identify the work area to be accessed using company documentation, systems and work instructions where appropriate
- P2. Select, inspect and wear required PPE in line with company procedures where appropriate
- P3. Carry out a site specific risk assessment of the work area, identifying the hazards and the control measures required
- P4. Maintain accurate and up to date records
- P5. Report information and data to the designated person

Task Specific – Wastewater Network Installation and Alteration

- P6. Use company systems to locate proposed developments and determine potential network issues relevant to the development details
- P7. Apply relevant formulae for estimating surface water run-off and foul discharge rates from new developments

Knowledge and Understanding

To achieve this unit, you will need to know and understand:

General Requirements

- K1. The principles of Health, Safety and Environmental legislation in relation to working with wastewater
- K2. The organisation's safety rules, policies and procedures relating to working with wastewater
- K3. The hazards associated with working with wastewater and the correct way to respond to them
- K4. How to select, inspect and use PPE when working with wastewater
- K5. How to carry out a site specific risk assessment and identify workplace hazards
- K6. How to respond in the event of an emergency situation in the workplace environment
- K7. How to leave the work area in a safe and secure condition
- K8. The company recording and reporting process

Task Specific – Wastewater Network Installation and Alteration

- K9. The current legislation relating to S106 Sewer Connections
- K10. The company procedure for the management, approval and inspection of S106 Sewer Connection applications
- K11. The current legislation relating to S104 Sewer Adoptions
- K12. The company procedure for management, approval and inspection of S104 Sewer Adoption applications
- K13. The current legislation relating to S185 Sewer Diversions
- K14. The company procedure for the management, approval and inspection of S185 Sewer Diversion applications
- K15. The company procedure for the control, management and approval of applications to build over or near to a public sewer and the procedure for inspection upon completion
- K16. The documentation, publications and standards applicable to wastewater network installation or work which may affect or alter existing sewers
- K17. The role of internal and external stakeholders in relation to wastewater network installation, alteration and disturbance

How will it be assessed?

To achieve this unit, you will need to be able to provide evidence of the performance criteria and the knowledge and understanding requirements listed above.

Assessment types:

1. External assessment – an external accrediting body will assess against a national minimum standard
2. Internal assessment process – a company led on-going assessment against requirements
3. End-point assessment - see assessment plan for further details here (will be Energy & Utility Skills defined)

What type of evidence will be expected?

To achieve this unit, you will need to be able to provide evidence of the performance criteria and the knowledge and understanding requirements listed above.

Evidence types:

1. On-going local assessments
 - a) Assessment plan, review, feedback, standard assessment sheets
2. Knowledge based learning
 - a) Classroom, exams, assignments, Q&A sessions, e-learning modules
3. Evidence portfolios
 - a) Learning logs, photos, observation sheets

Assessment types and process

