

Water Networks Technician

Unit WNTC03 Water Fitting Regulations

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 understand water fitting regulations in the water sector.

The specification details the critical requirement of the activity to carry out the work outlined and does not preclude employers from adding to the 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?

Water networks technicians need to be able to:

- WFR01 Understand the objectives of the Water Supply (Water Fittings) Regulations 1999
- WFR02 Understand the consequences of contravening the Water Supply (Water Fittings) Regulations 1999
- WFR03 Inspect a domestic dwelling for compliance with the Water Supply (Water Fittings) Regulations 1999

What do I need to take this module?

Candidates to be **assessed** should have successfully completed the modules shown below or have evidence demonstrating an equivalent level of competence.

1. National Water Hygiene Scheme
2. SHEA water

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

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- P6. Follow the organisations policies and procedures in relation to inspection of a domestic dwelling
- P7. Select a new build development for inspection and compliance with the regulations
- P8. Gain access to the domestic premises in an effective and courteous manner, and confirm the **inspection details**
- P9. Confirm the accuracy of information about the premises and note any amendments to be made
- P10. Identify the specific **system(s)** to be inspected and confirm the regulatory requirements
- P11. Identify the hazards associated with carrying out the inspection
- P12. Where the hazards identified constitute an unacceptable risk, terminate the inspection and inform the relevant people of the details in accordance with **approved procedures, practices and standards**
- P13. Identify installations that offer the potential for **contravention** of the relevant regulations
- P14. Identify arrangements of fittings that offer protection against **contravention**
- P15. Safely gain access to the **system(s)** to be inspected, using appropriate personal protective and access equipment
- P16. Carry out the inspection in a safe manner with minimum disruption or damage to the premises
- P17. Accurately identify any **contravention** of the relevant regulations using sufficient and reliable information
- P18. Where a **contravention** constitutes a serious risk take immediate relevant action in accordance with **approved procedures, practices and standards**
- P19. Where more than one interpretation of compliance exists, seek advice in accordance with relevant company procedures
- P20. Propose solutions and actions which can be undertaken to ensure compliance

P21. Identify any **planned work activities** which may impinge on future compliance

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 water
- K2. The organisation's safety rules, policies and procedures relating to working with water
- K3. The hazards associated with working on the clean water network and the correct way to respond to them
- K4. How to select, inspect and use PPE when working with water
- 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

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- K9. The safety hazards and risks relating to inspections and how to manage them
- K10. The risks that water regulations exist to prevent including:
 - a) Waste
 - b) Misuse
 - c) Undue consumption
 - d) Contamination
 - e) Erroneous measurement
- K11. How the water regulations prevent the risks
- K12. The relationship between the water regulations and other water industry legislation
- K13. What is meant by approved contractor and how requirements for them differ from non-approved contractors
- K14. The sources of supporting information relating to the water regulations
- K15. The circumstances where the regulations apply and those where they do not
- K16. The possible consequences for someone contravening the regulations
- K17. The operations or installations that require the undertaker to be notified
- K18. The items that shall be included with or contained in the notification
- K19. The timescales involved within the notification process
- K20. Different plumbing systems, their operation and their potential for contravening the regulations
- K21. The procedures for arranging and carrying out inspections
- K22. How to record and report information regarding inspections

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

