

Water Network Technician

Unit WNT001 Water Distribution Operation and Maintenance Strategy (DOMS)

This training specification is knowledge only has been developed from the water process technician standard. The specification details the **minimum** training specification, as agreed by industry employers to understand water distribution operation and maintenance strategy (DOMS) 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?

Water network technicians need to be able to:

DOM1 Understand the regulatory requirements relating to DOMS

DOM2 Understand the company's strategy, procedures and reporting requirements in relation to DOMS

DOM3 Understand the techniques used by the company in relation to DOMS

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
2. All water networks technician specific units

Knowledge and Understanding

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

Task Specific – Water Distribution Operation and Maintenance Strategy

- K1. The regulations and legislation that applies to DOMS
- K2. The company's DOMS policies and procedures
- K3. The techniques used in relation to DOMS e.g.
 - a) Mains flushing and pipe conditioning
 - b) Turbidity monitoring
 - c) Calm networks
 - d) Water quality sampling
 - e) Chemical dosing
 - f) Continuous and alternative supplies
- K4. The drivers, financial implications and penalties associated with different techniques
- K5. Data collection, recording, and reporting requirements

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

