

# Wastewater Network Technician

## Unit WWNC10 Fat, Oil and Grease Procedures

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 control and manage fat, oil and grease (FOG) in the wastewater network 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:

- WWFOG1 Understand legislation and company procedures relating to the control and management of FOG, in the wastewater network
- WWFOG2 Identify risks posed by FOG discharged to the wastewater network and the reactive and proactive control measures that can be used to manage them

### 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. Risk Assessment
3. Manual Handling

## 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 – Fat, Oil and Grease Procedures

- P6. Use company systems to identify and determine the most likely cause(s) of a FOG issue on the wastewater network
- P7. Use information on company systems to produce a plan to deal with a FOG issue on the wastewater network
- P8. Use investigative techniques on-site to determine the cause of a FOG issue on the wastewater network
- P9. Follow the company FOG procedure to educate and recharge a customer / premises which have been proven to be the cause of a FOG discharge to the wastewater network

## 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 – Fat, Oil and Grease Procedures

- K9. How to access and navigate relevant company systems and resources to determine a FOG 'hotspot' on the wastewater network
- K10. The legal implications and potential consequences of FOG entering the wastewater network
- K11. The company's end-to-end procedure for investigating FOG discharges to the wastewater network from both domestic and commercial premises
- K12. Where to locate FOG guidance, procedures, forms and letters on company systems
- K13. The options available to water companies to educate or assist customers in controlling FOG both at source and within the sewer network
- K14. The evidence required in order to recharge a customer for a FOG discharge
- K15. The course of action where the company is unable to determine a single premises responsible for a FOG discharge
- K16. Data collection, recording, reporting and maintenance 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

