

# Industry Standards – Water Process Technician

## What is a water process technician?

Water process technicians perform reactive and routine maintenance on equipment to ensure safe and efficient operations, supporting other disciplines as necessary. The main roles within this occupation involve working on water supply and treatment; water networks and wastewater networks; and wastewater treatment. Depending on employer's needs, training may be for a single role, or be expanded beyond that role.

**Water treatment technicians** operate the systems and equipment that water companies use to treat raw water so that it can be supplied to their customers. They will operate water treatment processes like chemical dosing, filtration and disinfection.

**Wastewater treatment technicians** operate the systems and equipment that water companies use to ensure that sewage is treated before being returned to a water course. They will operate wastewater treatment processes such as preliminary and biological treatment, collect and analyse data on the processes, and may also carry out some first line maintenance tasks.

**Water network technicians** will look after the pipes, mains and pumping stations that supply homes and businesses with water. They will carry out planned, preventative maintenance as well as respond to incidents such as burst pipes and major leaks.

**Wastewater network technicians** will look after the pipes (sewers) and pumping stations which carry wastewater from people's homes to the wastewater treatment works. They could carry out planned and preventative maintenance and may also diagnose and respond to faults and blockages.

## Water Treatment Technician Pathway

This standard is for someone looking to recruit and train someone to operate, monitor and maintain water treatment processes (chemical dosing, filtration, disinfection) within their organisation.

### The role of the water treatment technician

Water treatment technicians are crucial to the water companies for ensuring that the water supply to the public (both domestic and business users) is safe and conforms to the Drinking Water Quality Standards.

Through the use of a variety of methods including filtration (whether slow sand, rapid gravity, pressure or membrane filtration), disinfection and coagulation and clarification, the water treatment technician will need to use water treatment theories and principles to make sure that processes are maintained.

Should a fault occur within the works, the water treatment technician will need to be able to find the root cause and make sure they are resolved as quickly as possible, carrying out full treatment works shutdown procedures if required. They will also need to be able to work in a confined space (if required) and have a full understanding of risk assessments and emergency procedures.

Induction Units (A) - Mandatory		
Unit Code	Title	Internal Ref
	<a href="#">Download all Induction Units here</a>	
IND01	Health, Safety and the Environment	2243
IND02	Safety, Health and Environmental Awareness (SHEA) Water (Revised 2018)	2243
IND03	Risk Assessment	2243
IND04	Personal Protective Equipment (PPE)	2243
IND05	Lone Working	2243
IND06	Asbestos Awareness	2243
IND07	First Aid	2243
IND08	Manual Handling	2243
IND09	Operational Procedures	2243
IND10	Fire and Emergency Procedures	2243
IND11	Drug and Alcohol Awareness	2243
IND12	Equality & Diversity	2243
IND13	Customer Focus	2243

IND14	Team Working	
14a	a) Working with Others	2243
14b	b) Interpersonal Skills	
IND15	Control of Substances Hazardous to Health (COSHH)	2243
IND16	Security / Asset Protection	2243
IND17	Industry Regulation	2243
IND18	Quality Systems and Procedures	2243
IND19	Water and Wastewater Industry Appreciation	2243
IND20	Work at Height	2243
IND21	Awareness of Confined Space	2243
IND22	Awareness of Permit to Work	2243

### Common Core Units (B) - Mandatory

Unit Code	Title	Internal Ref
CC01	<a href="#">Work at Height</a>	3072
CC03	<a href="#">National Water Hygiene Scheme (knowledge)</a>	2335
WPTCC04	<a href="#">Understand Water Quality Requirements (knowledge)</a>	2336
WPTCC05	<a href="#">Water and Wastewater Science (knowledge)</a>	2337
WPTCC06	<a href="#">Water Quality Monitoring, Sampling and Testing</a>	3074
WPTCC09	<a href="#">Isolation / Shutdown / Re-commissioning of Process Streams</a>	3075
WPTCC10	<a href="#">Energy Performance Monitoring</a>	3076
WPTCC11	<a href="#">Safe Isolation of Plant &amp; Equipment</a>	3077
WPTCC12	<a href="#">Process Control Systems</a>	3078
WPTCC13	<a href="#">Wholesale / Retail Operations (knowledge)</a>	2345
WPTCC15	<a href="#">Driving policies and Procedures</a>	3486

In addition there are optional units which are outlined below:

Unit Code	Title	Internal Ref
CC02	<a href="#">Medium Risk Confined Spaces</a>	3073
WPTCC07	<a href="#">Street Works – Signing, Lighting and Guarding</a>	2339
WPTCC08	<a href="#">Street Works Supervision</a>	2340
WPTCC14	<a href="#">Awareness of Excavation Support (knowledge)</a>	2346

### Water Treatment Technician Specific Units (C) - Mandatory

Unit Code	Title	Internal Ref
WTTC01	<a href="#">Raw Water Services Operations</a>	2347
WTTC02	<a href="#">Plant Shutdown and Restart</a>	2348
WTTC03	<a href="#">Water Quality Monitoring for Process Control</a>	2349
WTTC04	<a href="#">Maintenance of Monitoring Equipment</a>	2350
WTTC05	<a href="#">Works Design Flows and Hydraulics</a>	2351
WTTC06	<a href="#">Disinfection Process</a>	2352

WTTC07	<a href="#">Distribution System Protection</a>	2353
WTTC08	<a href="#">Control Treated Water Storage Point</a>	2354
The below are optional units; learners must take a minimum of TWO from the following, one of which MUST be a filtration unit:		
Unit Code	Title	Internal Ref
WTTO01	<a href="#">Screening Operations</a>	2358
WTTO02	<a href="#">Coagulation and Clarification Control</a>	2359
WTTO03	<a href="#">Rapid Gravity Filtration Operations</a>	2360
WTTO04	<a href="#">Slow Sand Filtration Operations</a>	2361
WTTO05	<a href="#">Advanced Water Treatment</a>	2362
WTTO06	<a href="#">Taste and Odour Removal</a>	2363
WTTO07	<a href="#">Pressure Filtration Operations</a>	2364
WTTO08	<a href="#">Membrane Filtration Operations</a>	2365
WTTO09	<a href="#">Waste Streams</a>	2257

## Wastewater Treatment Technician Pathway

This standard is for someone looking to recruit and train someone to operate, monitor and maintain wastewater treatment processes (e.g. preliminary, biological treatment etc) within the responsibility of their organisation.

### The role of the wastewater treatment technician

Wastewater treatment technicians are crucial to the water companies because they ensure that the wastewater from people's homes and businesses is treated to the required standards before being returned back into the environment.

Through the use of a variety of processes including screening, settlement and biological treatment processes the wastewater treatment technician will need to use wastewater treatment theories and principles to make sure that processes are maintained.

Should a fault occur within the works, the wastewater treatment technician will need to be able to find the root cause and make sure they are resolved as quickly as possible, carrying out process stream shutdown procedures if required. They will also need to be able to work in a confined space (if required) and have a full understanding of risk assessments and emergency procedures.

Induction Units (A) - Mandatory		
Unit Code	Title	Internal Ref
	<a href="#">Download all Induction Units here</a>	
IND01	Health, Safety and the Environment	2243
IND02	Safety, Health and Environmental Awareness (SHEA) Water (Revised 2018)	2243
IND03	Risk Assessment	2243
IND04	Personal Protective Equipment (PPE)	2243
IND05	Lone Working	2243
IND06	Asbestos Awareness	2243
IND07	First Aid	2243
IND08	Manual Handling	2243
IND09	Operational Procedures	2243
IND10	Fire and Emergency Procedures	2243
IND11	Drug and Alcohol Awareness	2243
IND12	Equality & Diversity	2243
IND13	Customer Focus	2243

IND14	Team Working:	2243
14a	a) Working with Others	
14b	b) Interpersonal Skills	
IND15	Control of Substances Hazardous to Health (COSHH)	2243
IND16	Security / Asset Protection	2243
IND17	Industry Regulation	2243
IND18	Quality Systems and Procedures	2243
IND19	Water and Wastewater Industry Appreciation	2243
IND20	Work at Height	2243
IND21	Awareness of Confined Space	2243
IND22	Awareness of Permit to Work	2243

### Common Core Units (B) - Mandatory

Unit Code	Title	Internal Ref
CC01	<a href="#">Work at Height</a>	3072
WPTCC05	<a href="#">Water and Wastewater Science (knowledge)</a>	2337
WPTCC09	<a href="#">Isolation / Shutdown / Re-commissioning of Process Streams</a>	3075
WPTCC10	<a href="#">Energy Performance Monitoring</a>	3076
WPTCC11	<a href="#">Safe Isolation of Plant &amp; Equipment</a>	3077
WPTCC12	<a href="#">Process Control Systems</a>	3078
WPTCC13	<a href="#">Wholesale / Retail Operations (knowledge)</a>	2345
WPTCC15	<a href="#">Driving policies and Procedures</a>	3486

In addition there are optional units which are outlined below:

Unit Code	Title	Internal Ref
CC02	<a href="#">Medium Risk Confined Spaces</a>	3073
CC03	<a href="#">National Water Hygiene Scheme (knowledge)</a>	2335
WPTCC04	<a href="#">Understand Water Quality Requirements (knowledge)</a>	2336
WPTCC06	<a href="#">Water Quality Monitoring, Sampling and Testing</a>	3074
WPTCC07	<a href="#">Street Works – Signing, Lighting and Guarding</a>	2339
WPTCC08	<a href="#">Street Works Supervision</a>	2340
WPTCC14	<a href="#">Awareness of Excavation Support (knowledge)</a>	2346

### Wastewater Treatment Technician Specific Units (C) - Mandatory

Unit Code	Title	Internal Ref
WWTTC01	<a href="#">Wastewater Compliance and Performance Monitoring</a>	2402
WWTTC02	<a href="#">Sewage Pumping Stations Operations</a>	2403
WWTTC03	<a href="#">Wastewater Flows and Hydraulics</a>	2404
WWTTC04	<a href="#">Screenings and Grit Removal</a>	2405
WWTTC05	<a href="#">Primary Settlement Operations</a>	2406
WWTTC06	<a href="#">Fixed Biological Film Treatment</a>	2407

WWTTC07	<a href="#">Activated Sludge Process</a>	2408
WWTTC08	<a href="#">Sludge Storage, Treatment and Transportation</a>	2409
WWTTC09	<a href="#">Odour Management (knowledge only)</a>	2410
WWTTC10	<a href="#">Incident Support</a>	2411
<b>The below are optional units, a minimum of one from the following must be taken:</b>		
Unit Code	Title	Internal Ref
WWTTO01	<a href="#">Odour Management and Control (performance &amp; knowledge)</a>	2413
WWTTO02	<a href="#">Tertiary Treatment</a>	2414
WWTTO03	<a href="#">Phosphate Removal</a>	2415
WWTTO04	<a href="#">Operate and Maintain Anaerobic Digestion</a>	2416
WWTTO05	<a href="#">Sludge Dewatering</a>	2316
WWTTO06	<a href="#">UV Treatment</a>	2317

## Water Distribution - Network Technician Pathway

This standard is for someone looking to recruit and train someone to monitor and maintain water networks within the responsibility of their organisation.

### The role of the water network technician

Network technician roles are crucial to the water industry. They are responsible for making sure that the water networks are running properly and without leaks.

The water network technician makes sure that water being provided to our houses is maintained at an expected level. In order to do this a water network technician would carry out analysis of the water pressure and flows in order to detect any leakage and they would investigate where problems occur and utilise hydraulic theories and principles in order to carry out fault diagnosis on the water networks.

It would be their responsibility to apply procedures and control measures to the networks in order to continue the supply and minimise the risk of interruption to the water supply as far as they can.

They would also have responsibility for maintaining network equipment and systems, including pumps and control valves.

A knowledge of street works (NRSWA) would be helpful as the water network technician would have to sometimes have to apply signing, lighting or guarding to street works, making sure that pedestrians, road users and site workers are kept safe in the event of excavations on the road or pathway. They would also have to use electronic locating equipment to identify, locate and avoid underground services and cables, as well as being able to identify and avoid overhead cables.

Induction Units (A) - Mandatory		
Unit Code	Title	Internal Ref
	<a href="#">Download all Induction Units here</a>	
IND01	Health, Safety and the Environment	2243
IND02	Safety, Health and Environmental Awareness (SHEA) Water (Revised 2018)	2243
IND03	Risk Assessment	2243
IND04	Personal Protective Equipment (PPE)	2243
IND05	Lone Working	2243
IND06	Asbestos Awareness	2243
IND07	First Aid	2243
IND08	Manual Handling	2243



IND09	Operational Procedures	2243
IND10	Fire and Emergency Procedures	2243
IND11	Drug and Alcohol Awareness	2243
IND12	Equality & Diversity	2243
IND13	Customer Focus	2243
IND14	Team Working:	2243
14a	a) Working with Others	
14b	b) Interpersonal Skills	
IND15	Control of Substances Hazardous to Health (COSHH)	2243
IND16	Security / Asset Protection	2243
IND17	Industry Regulation	2243
IND18	Quality Systems and Procedures	2243
IND19	Water and Wastewater Industry Appreciation	2243
IND20	Work at Height	2243
IND21	Awareness of Confined Space	2243
IND22	Awareness of Permit to Work	2243

#### Common Core Units (B) - Mandatory

Unit Code	Title	Internal Ref
CC01	<a href="#">Work at Height</a>	3072
CC03	<a href="#">National Water Hygiene Scheme (knowledge)</a>	2335
WPTCC04	<a href="#">Understand Water Quality Requirements (knowledge)</a>	2336
WPTCC05	<a href="#">Water and Wastewater Science (knowledge)</a>	2337
WPTCC06	<a href="#">Water Quality Monitoring, Sampling and Testing</a>	3074
WPTCC07	<a href="#">Street Works – Signing, Lighting and Guarding</a>	2339
WPTCC11	<a href="#">Safe Isolation of Plant &amp; Equipment</a>	3077
WPTCC12	<a href="#">Process Control Systems</a>	3078
WPTCC13	<a href="#">Wholesale / Retail Operations (knowledge)</a>	2345
WPTCC14	<a href="#">Awareness of Excavation Support (knowledge)</a>	2346
WPTCC15	<a href="#">Driving policies and Procedures</a>	3486

In addition there are optional units which are outlined below:

Unit Code	Title	Internal Ref
CC02	<a href="#">Medium Risk Confined Spaces</a>	3073
WPTCC08	<a href="#">Street Works Supervision</a>	2340
WPTCC09	<a href="#">Isolation / Shutdown / Re-commissioning of Process Streams</a>	3075
WPTCC10	<a href="#">Energy Performance Monitoring</a>	3076

#### Water Network Technician Specific Units (C) - Mandatory

Unit Code	Title	Internal Ref
WNTC01	<a href="#">Regulatory Performance Measures (knowledge only)</a>	2366

WNTC02	<a href="#">Materials Used in Clean Water Networks (Mains &amp; Services) (knowledge only)</a>	2367
WNTC03	<a href="#">Water Fitting Regulations</a>	2368
WNTC04	<a href="#">Location and avoidance of Underground apparatus</a>	2369
WNTC05	<a href="#">Valve and Hydrant Operations</a>	2370
WNTC06	<a href="#">Pressure Management Including the Low Pressure Register (DG2)</a>	2371
WNTC07	<a href="#">Network Performance Monitoring</a>	2372
WNTC08	<a href="#">Leakage Performance Monitoring – <b>optional for network technician</b></a>	2373
WNTC10	<a href="#">Leakage Detection Operations</a>	2375
WNTC12	<a href="#">Asset Security (knowledge only)</a>	2377
WNTC13	<a href="#">Customer Side Leakage</a>	2378
WNTC14	<a href="#">Data Logging Operations</a>	2379
WNTC15	<a href="#">Wayleaves – Access to Private Land, Streets and Wayleaves (knowledge only)</a>	2380
WNTC16	<a href="#">Water Network Rehabilitation (knowledge only)</a>	2381
The below are optional units and learners must take a minimum of TWO from the following:		
Unit Code	Title	Internal Ref
WNTO01	<a href="#">Water Distribution Operation &amp; Maintenance Strategy (Knowledge)</a>	2383
WNTO02	<a href="#">Water Network Modelling (Knowledge)</a>	2384
WNTO03	<a href="#">Water Network Design</a>	2385
WNTC09	<a href="#">Pumping Station Operations</a>	2374
WNTC11	<a href="#">Treated Water Storage</a>	2376

## Water Distribution - Leakage Technician Pathway

This standard is for someone looking to recruit and train someone to monitor and maintain water networks within the responsibility of their organisation.

### The role of the water distribution leakage technician

Leakage technician roles are crucial to the water industry. They are responsible for making sure that the water networks are running properly and without leaks.

The water network leakage technician makes sure that water being provided to our houses is maintained at an expected level. In order to do this a water network leakage technician would use company systems to identify potential and actual leakage and plan and carry out leakage performance monitoring activities to restore the network to its normal operating condition.

It would be their responsibility to apply procedures and control measures to the networks in order to continue the supply and minimise the risk of interruption to the water supply as far as they can.

They would also have responsibility for maintaining network equipment and systems, including pumps and control valves.

A knowledge of street works (NRSWA) would be helpful as the water network leakage technician would have to sometimes have to apply signing, lighting or guarding to street works, making sure that pedestrians, road users and site workers are kept safe in the event of excavations on the road or pathway. They would also have to use electronic locating equipment to identify, locate and avoid underground services and cables, as well as being able to identify and avoid overhead cables.

Induction Units (A) - Mandatory		
Unit Code	Title	Internal Ref
	<a href="#">Download all Induction Units here</a>	
IND01	Health, Safety and the Environment	2243
IND02	Safety, Health and Environmental Awareness (SHEA) Water (Revised 2018)	2243
IND03	Risk Assessment	2243
IND04	Personal Protective Equipment (PPE)	2243
IND05	Lone Working	2243
IND06	Asbestos Awareness	2243
IND07	First Aid	2243
IND08	Manual Handling	2243

IND09	Operational Procedures	2243
IND10	Fire and Emergency Procedures	2243
IND11	Drug and Alcohol Awareness	2243
IND12	Equality & Diversity	2243
IND13	Customer Focus	2243
IND14	Team Working:	2243
14a	a) Working with Others	
14b	b) Interpersonal Skills	
IND15	Control of Substances Hazardous to Health (COSHH)	2243
IND16	Security / Asset Protection	2243
IND17	Industry Regulation	2243
IND18	Quality Systems and Procedures	2243
IND19	Water and Wastewater Industry Appreciation	2243
IND20	Work at Height	2243
IND21	Awareness of Confined Space	2243
IND22	Awareness of Permit to Work	2243

#### Common Core Units (B) - Mandatory

Unit Code	Title	Internal Ref
CC01	<a href="#">Work at Height</a>	3072
CC03	<a href="#">National Water Hygiene Scheme (knowledge)</a>	2335
WPTCC04	<a href="#">Understand Water Quality Requirements (knowledge)</a>	2336
WPTCC05	<a href="#">Water and Wastewater Science (knowledge)</a>	2337
WPTCC06	<a href="#">Water Quality Monitoring, Sampling and Testing</a>	3074
WPTCC07	<a href="#">Street Works – Signing, Lighting and Guarding</a>	2339
WPTCC11	<a href="#">Safe Isolation of Plant &amp; Equipment</a>	3077
WPTCC12	<a href="#">Process Control Systems</a>	3078
WPTCC13	<a href="#">Wholesale / Retail Operations (knowledge)</a>	2345
WPTCC14	<a href="#">Awareness of Excavation Support (knowledge)</a>	2346
WPTCC15	<a href="#">Driving policies and Procedures</a>	3486

In addition there are optional units which are outlined below:

Unit Code	Title	Internal Ref
CC02	<a href="#">Medium Risk Confined Spaces</a>	3073
WPTCC08	<a href="#">Street Works Supervision</a>	2340
WPTCC09	<a href="#">Isolation / Shutdown / Re-commissioning of Process Streams</a>	3075
WPTCC10	<a href="#">Energy Performance Monitoring</a>	3076

#### Water Distribution Leakage Technician Specific Units (C) - Mandatory

Unit Code	Title	Internal Ref
WNTC01	<a href="#">Regulatory Performance Measures (knowledge only)</a>	2366

WNTC02	<a href="#">Materials Used in Clean Water Networks (Mains &amp; Services) (knowledge only)</a>	2367
WNTC04	<a href="#">Location &amp; Avoidance of Underground Apparatus</a>	2369
WNTC05	<a href="#">Valve and Hydrant Operations</a>	2370
WNTC06	<a href="#">Pressure Management Including the Low Pressure Register (DG2)</a>	2371
WNTC07	<a href="#">Network Performance Monitoring – <b>optional for leakage technician</b></a>	2372
WNTC08	<a href="#">Leakage Performance Monitoring</a>	2373
WNTC10	<a href="#">Leakage Detection Operations</a>	2375
WNTC12	<a href="#">Asset Security (knowledge only)</a>	2377
WNTC13	<a href="#">Customer Side Leakage</a>	2378
WNTC14	<a href="#">Data Logging Operations</a>	2379
WNTC15	<a href="#">Wayleaves – Access to Private Land, Streets and Wayleaves (knowledge only)</a>	2380
WNTC16	<a href="#">Water Network Rehabilitation (knowledge only)</a>	2381

The below are optional units and learners must take a minimum of TWO from the following:

Unit Code	Title	Internal Ref
WNTO01	<a href="#">Water Distribution Operation &amp; Maintenance Strategy (Knowledge)</a>	2383
WNTO02	<a href="#">Water Network Modelling (Knowledge)</a>	2384
WNTO03	<a href="#">Water Network Design</a>	2385
WNTC03	<a href="#">Water Fitting Regulations</a>	2368
WNTC09	<a href="#">Pumping Station Operations</a>	2374
WNTC11	<a href="#">Treated Water Storage</a>	2376

## Wastewater (Sewerage) Network Technician

This standard is for someone looking to recruit and train someone to monitor and maintain wastewater networks within the responsibility of their organisation.

### The role of the wastewater network technician

Wastewater network technician roles are crucial to the water industry. They are responsible for making sure that the wastewater networks are running properly and without blockages or causing any pollution incidents.

Wastewater technicians work in much the same way as water technicians, although they will be working on the wastewater (sewerage) networks, using electronic location equipment to locate drains and sewers. They will need to utilise hydraulics theories and principles, data and calculations from flow surveys to assess sewer capacity and performance and respond to any reports of incidents and / or blockages on the networks.

They may need to carry out or supervise maintenance activities such as high-pressure water jetting, flushing and de-silting operations.

A knowledge of street works (NRSWA) would be helpful as the wastewater network technician would have to sometimes have to apply signing, lighting or guarding to street works, making sure that pedestrians, road users and site workers are kept safe in the event of excavations on the road or pathway. They would also have to use electronic locating equipment to identify, locate and avoid underground services and cables, as well as being able to identify and avoid overhead cables.

Induction Units (A) - Mandatory		
Unit Code	Title	Internal Ref
	<a href="#">Download all Induction Units here</a>	
IND01	Health, Safety and the Environment	2243
IND02	Safety, Health and Environmental Awareness (SHEA) Water (Revised 2018)	2243
IND03	Risk Assessment	2243
IND04	Personal Protective Equipment (PPE)	2243
IND05	Lone Working	2243
IND06	Asbestos Awareness	2243
IND07	First Aid	2243
IND08	Manual Handling	2243
IND09	Operational Procedures	2243
IND10	Fire and Emergency Procedures	2243

IND11	Drug and Alcohol Awareness	2243
IND12	Equality & Diversity	2243
IND13	Customer Focus	2243
IND14	Team Working:	2243
14a	a) Working with Others	
14b	b) Interpersonal Skills	
IND15	Control of Substances Hazardous to Health (COSHH)	2243
IND16	Security / Asset Protection	2243
IND17	Industry Regulation	2243
IND18	Quality Systems and Procedures	2243
IND19	Water and Wastewater Industry Appreciation	2243
IND20	Work at Height	2243
IND21	Awareness of Confined Space	2243
IND22	Awareness of Permit to Work	2243

#### Common Core Units (B) - Mandatory

Unit Code	Title	Internal Ref
CC01	<a href="#">Work at Height</a>	3072
CC02	<a href="#">Medium Risk Confined Spaces</a>	3073
WPTCC05	<a href="#">Water and Wastewater Science (knowledge)</a>	2337
WPTCC07	<a href="#">Street Works – Signing, Lighting and Guarding</a>	2339
WPTCC11	<a href="#">Safe Isolation of Plant &amp; Equipment</a>	3077
WPTCC13	<a href="#">Wholesale / Retail Operations (knowledge)</a>	2345
WPTCC14	<a href="#">Awareness of Excavation Support (knowledge)</a>	2346
WPTCC15	<a href="#">Driving policies and Procedures</a>	3486

In addition there are optional units which are outlined below:

Unit Code	Title	Internal Ref
CC03	<a href="#">National Water Hygiene Scheme (knowledge)</a>	2335
WPTCC04	<a href="#">Understand Water Quality Requirements (knowledge)</a>	2336
WPTCC06	<a href="#">Water Quality Monitoring, Sampling and Testing</a>	3074
WPTCC08	<a href="#">Street Works Supervision</a>	2340
WPTCC09	<a href="#">Isolation / Shutdown / Re-commissioning of Process Streams</a>	3075
WPTCC10	<a href="#">Energy Performance Monitoring</a>	3076
WPTCC12	<a href="#">Process Control Systems</a>	3078

#### Wastewater Network Technician Specific Units (C) - Mandatory

Unit Code	Title	Internal Ref
WWNC01	<a href="#">Pipework Responsibilities</a>	2386
WWNC02	<a href="#">Wastewater Networks Design</a>	2387
WWNC03	<a href="#">Wastewater Networks Construction Materials (knowledge)</a>	2388

WWNC04	<a href="#">Wastewater Network Hydraulics &amp; Modelling</a>	2389
WWNC05	<a href="#">Wastewater Network Installation</a>	2390
WWNC06	<a href="#">Sewer Pumping Station Operations</a>	2391
WWNC07	<a href="#">Combined Sewer Overflows Operation and Maintenance</a>	2392
WWNC08	<a href="#">Data Logging Operations</a>	2393
WWNC09	<a href="#">Organise Network Operations</a>	2394
WWNC10	<a href="#">Fat, Oil and Grease Procedures</a>	2395
WWNC11	<a href="#">Water Jetting Operations</a>	2396
WWNC12	<a href="#">CCTV Operations</a>	2397
WWNC13	<a href="#">CCTV Remedial Action</a>	2398
WWNC14	<a href="#">Pipe, Cable &amp; Sonde Location</a>	2399
WWNC15	<a href="#">Trade Effluent Measurement &amp; Monitoring</a>	2400
<b>There is one optional unit available:</b>		
WWNO01	<a href="#">Sewer Pumping and Powered Asset Maintenance</a>	2401