

# CABWI Level Diploma 3 in Water Treatment

## (Ofqual Ref: 603/1169/1)

Level	3	CABWI Qualification Ref	WTRT3
Credit Value	55	TQT	546

### Qualification Summary

The CABWI Level 3 Diploma in Water Treatment allows learners to demonstrate the skills and knowledge required by those working in water treatment.

### Qualification Aim

The qualification covers the underpinning knowledge and practical skills required to work as a water treatment technician, including regulation, science and mathematics as well as the technical skills surrounding the water treatment process.

There are no entry requirements for this qualification. However, as there is a requirement for learners to provide evidence from workplace activities, the learner must have access to the work environment and tasks that allow them to complete the qualification.

This qualification can be used both for the up-skilling of existing staff and for the on-programme learning element of related apprenticeships.

### Assessment Methodology

Assessment for the CABWI Level 3 Diploma in Water Treatment will be conducted using a portfolio of evidence. CABWI has produced documentation to support the recording of evidence and questions and answers which can be used to support assessment.

Knowledge can be assessed using an open book approach but assessors are expected to ensure that the learner understands their answers fully by exploring their depth of understanding using additional questions which can be devised by the assessor. This additional questioning should be recorded by the assessor and mapped to the assessment criteria covered.

# CABWI Level Diploma 3 in Water Treatment (Ofqual Ref: 603/1169/1)

## Qualification Structure

To achieve a full CABWI Level 3 Diploma in Water Treatment, a learner must complete 10 units following one of the two pathways below.

All learners must complete the 6 Mandatory Units

To complete pathway 1 – “Water Treatment” learners must complete a further three mandatory units and one optional unit.

To complete pathway 2 – “Ground Water Sources Only” learners must complete a further four mandatory units.

Where required the additional unit may be taken in addition. This is not required for achievement of the qualification but may further support on-programme learning for apprentices.

## Mandatory Units – all learners must complete the following six mandatory units

3101	Water Treatment and Networks – Regulation and Compliance (H/615/5329)
3102	Water Treatment and Networks – Science and Applied Mathematics (Y/615/5330)
3106	Water Treatment Operations (L/615/5342)
3109	Water Treatment – Other Treatment Processes (Specialist and Advanced) (A/615/5353)
3110	Disinfection and Final Water Quality (T/615/5349)
3112	Water Treatment – Management, Operation and Control of Water Assets (M/615/5351)

### Pathway 1 – Water Treatment

Mandatory Units – learners must complete ALL three of the following units

### Pathway 2 – Ground Water Sources Only

Mandatory Units – learners must complete ALL of the following units

3107	Water Treatment – Coagulation, Flocculation and Clarification (R/615/5343)	3103	Water Treatment – Water Resources and Catchments (Ground Water) (D/615/5331)
3108	Water Treatment – Filtration (Y/615/5344)	3107a	Water Treatment – Coagulation, Flocculation and Clarification (Knowledge only) (D/617/8639)
3111	Water Treatment - Sludge Treatment and Disposal (K/615/5350)	3108a	Water Treatment – Filtration (Knowledge only) (R/617/8640)
		3111a	Water Treatment - Sludge Treatment and Disposal (Knowledge only) (Y/617/8641)

# CABWI Level Diploma 3 in Water Treatment (Ofqual Ref: 603/1169/1)

## Pathway 1 Optional Units – *learners must complete one of the following units*

3103	Water Treatment – Water Resources and Catchments (Ground Water) (D/615/5331)
3104	Water Treatment – Water Resources and Catchments (Surface Water) (H/615/5332)
3105	Water Treatment – Water Resources and Catchments (River Abstraction) (T/615/5335)

## Additional Unit – *learners may take the following unit in addition to the qualification if required*

3113	Water Treatment – Asset Management (T/615/5352)
------	---