



Qualification Specification

# **ProQual Level 5 Award in Principles of Asset Management in the Water Industry**

# ProQual Level 5 Award in Principles of Asset Management in the Water Industry



This qualification is part of ProQual's broad offer of qualifications in the Water Industry Sector.

To find out more about other qualifications in this, or any other sector, or for our latest fees; check our Fees Schedule via the QR code below:



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## Introduction

The ProQual Level 5 Award in Principles of Asset Management in the Water Industry provides a nationally recognised qualification for those currently working in, or who want to work in the public services sector.

The aims of this qualification are:

- To enhance legislator and strategic capabilities of asset managers in the water industry.
- To understand the fundamentals of risk management. Performance and costs in the water industry.
- To support best practice and successful leadership in water industry asset management.

The awarding body for this qualification is ProQual AB. This qualification has been approved for delivery in England. The regulatory body for this qualification is Ofqual, and this qualification has been accredited onto the Regulated Qualification Framework (RQF) and has been published in Ofqual's Register of Qualifications.

## Qualification Profile

<b>Qualification Title:</b>	ProQual Level 5 Award in Principles of Asset Management in the Water Industry
<b>Qualification Number:</b>	610/6938/3
<b>Level:</b>	5
<b>Total Qualification Time (TQT):</b>	80
<b>Guided Learning Hours (GLH):</b>	70
<b>Assessment:</b>	Pass/Fail
	Internally assessed and verified by centre staff
	Externally quality assured by ProQual Verifiers
<b>Qualification Start Date:</b>	01/02/2026
<b>Qualification Review Date:</b>	01/02/2029

## Learner Profile

There are no formal academic entry requirements for this qualification. Centres should carry out their own initial assessment of a candidate's initial knowledge and skills.

## Qualification Structure

This qualification consists of **1 mandatory unit**. Candidates must complete all mandatory units to complete this qualification.

Unit Number	Unit Title	Level	TQT	GLH
Mandatory Units – Candidates must complete <b>all</b> units in this group.				
A/651/9033	Principles of Asset Management in the Water Industry	5	80	70

## Centre Requirements

Centres must be approved to deliver this qualification. If your centre is not approved to deliver this qualification, please complete and submit the **ProQual Additional Qualification Approval Form**.

Materials produced by centres to support candidates should:

- Enable them to track their achievements as they progress through the learning outcomes and assessment criteria.
- Provide information on where ProQual's policies and procedures can be viewed.
- Provide a means of enabling Internal and External Quality Assurance staff to authenticate evidence.

Centres must have the appropriate equipment to enable candidates to carry out the practical requirements of this qualification.

## **Certification**

Candidates who achieve the requirements for this qualification will be awarded:

- A certificate listing all units achieved, and
- A certificate giving the full qualification title:

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#### **Claiming certificates**

Centres may claim certificates for candidates who have been registered with ProQual and who have successfully achieved the qualification. All certificates will be issued to the centre for successful candidates.

#### **Unit certificates**

If a candidate does not achieve all of the units required for a qualification, the centre may claim a unit certificate for the candidate which will list all of the units achieved.

#### **Replacement certificates**

If a replacement certificate is required a request must be made to ProQual in writing. Replacement certificates are labelled as such and are only provided when the claim has been authenticated. Refer to the Fee Schedule for details of charges for replacement.

## Assessment Requirements

Each candidate is required to produce a portfolio of evidence which demonstrates their achievement of all the learning outcomes and assessment criteria for each unit.

Evidence can include:

- Assignments/projects/reports.
- Professional discussion.
- Candidate product.
- Worksheets.
- Record of oral and written questioning.
- Recognition of Prior Learning.

Candidates must demonstrate the level of competence described in the units.

Assessment is the process of measuring a candidate's skill, knowledge and understanding against the standards set in the qualification.

Centre staff assessing this qualification must be **occupationally competent** and qualified to make assessment decisions. Assessors who are suitably qualified may hold a qualification such as, but not limited to:

- ProQual Level 3 Certificate in Teaching, Training and Assessment.
- ProQual Level 3 Award in Education and Training.
- ProQual Level 3 Award in Assessing Competence in the Work Environment.  
*(Suitable for assessment taking place in a working environment only.)*
- ProQual Level 3 Award in Assessing Vocational Achievement.  
*(Suitable for assessment taking place in a simulated training environment only.)*

Candidate portfolios must be internally verified by centre staff who are **occupationally knowledgeable** and qualified to make quality assurance decisions.

Internal verifiers who are suitably qualified may hold a qualification such as:

- ProQual Level 4 Award in the Internal QA of Assessment Processes and Practice.
- ProQual Level 4 Certificate in Leading the Internal QA of Assessment Processes and Practice.

**Occupationally competent** means capable of carrying out the full requirements contained within a unit. **Occupationally knowledgeable** means possessing relevant knowledge and understanding.

## **Enquiries, Appeals and Adjustments**

Adjustments to standard assessment arrangements are made on the individual needs of candidates. ProQual's Reasonable Adjustments Policy and Special Consideration Policy sets out the steps to follow when implementing reasonable adjustments and special considerations and the service that ProQual provides for some of these arrangements.

Centres should contact ProQual for further information or queries about the contents of the policy.

All enquiries relating to assessment or other decisions should be dealt with by centres, with reference to ProQual's Enquiries and Appeals Procedures.

## Units – Learning Outcomes and Assessment Criteria

<b>Title:</b>		Principles of Asset Management in the Water Industry			<b>Level:</b>	5
<b>Unit Number:</b>		A/651/9033	<b>TQT:</b>	80	<b>GLH:</b>	70
<b>Learning Outcomes</b> <i>The learner will be able to:</i>		<b>Assessment Criteria</b> <i>The learner can:</i>				
1 Understand the regulatory and legislative framework for Asset management in which the water industry operates. In particular for understanding the Asset Management fundamentals.		1.1	Describe the legislative, regulatory, ethical and social framework pertaining to asset management in the water industry.			
		1.2	Define asset management with associated risks and its importance to the water industry and company corporate goals.			
		1.3	Demonstrate an understanding of the different types of water industry assets and their life cycles and how to evaluate appropriate whole life cost models.			
		1.4	Assess the relevance of asset management principles and frameworks, and how they can be applied within the water industry, including: <ul style="list-style-type: none"> <li>• ISO 55000.</li> <li>• BSI PAS 55.</li> <li>• IAM Competences Framework.</li> </ul>			
		1.5	Evaluate the impact of climate change on asset management including the social and environmental costs within the water industry.			

2	Understand the development of Asset Management Strategies and the implications within the water industry.	2.1	Identify critical water assets and the prioritising of maintenance tasks to reduce the occurrence of incidents and emergencies that impact on customer service, water quality and the environment.
3	Understand the management of risk and costs within the water industry.	2.2	Evaluate the development of maintenance strategies and plans to ensure resilience for water industry assets to reduce any deterioration in the service to customers and damage to the environment.
		2.3	Explain the creation and implementation of asset management policies within the water industry.
		3.1	Assess the risk management associated with water asset ownership and operation and the impact on customer services and the environment.
		3.2	Evaluate the development and monitoring of asset management budgets and their impact on performance outcomes.
		3.3	Critically analyse their organisation's capability in evaluating the financial impact of asset management decisions on performance outcomes.
4	Understand the improvement of performance and efficiency of water industry assets.	3.4	Assess the importance of a supply chain procurement strategy that aligns with asset management planning.
		3.5	Critically evaluate the impact of aligned supply chain strategies and asset management on performance outcomes as defined by regulatory requirements.
		4.1	Explain how using key performance indicators (KPIs) can track and improve the optimisation of water industry assets.

4	Continued	4.2	Assess how the implementation of new technologies can improve the performance and efficiency of water industry outcomes as defined by regulatory requirements.
		4.3	Evaluate how asset planning can improve the utilisation and efficiency of water industry assets to meet regulatory requirements and improve customer service.
5	Understand the role of leadership in the successful implementation of water industry asset management plans and strategies.	5.1	Explain the importance of leadership in driving asset management initiatives in the water industry.
		5.2	Evaluate the development of strategies for managing change and implementing new asset management approaches can improve the overall efficiency of water industry operations.
6	Understand key practical skills and how they are applied in managing assets in the water industry.	6.1	Explain the principles of using asset management tools and techniques.
		6.2	Assess how the analysis of asset data can: <ul style="list-style-type: none"> <li>• identify performance issues.</li> <li>• identify areas for improvement in meeting customer service standards.</li> <li>• reduce the impact on the environment.</li> </ul>
		6.3	Explain how effective communication with stakeholders assists the management of complex projects to meet corporate goals and best water industry standards.

### Additional Assessment Information

This unit is **knowledge based**. This means that evidence is expected to take the form of candidate's written work and/or records of appropriate professional discussions.

Assessors may wish to use a checklist or evidence matrix to organise and track the assessment outcomes that have been achieved, but these **do not**, in themselves, constitute evidence of achievement.

## Appendix One – Command Verb Definitions

The table below explains what is expected from each **command verb** used in an assessment objective. Not all verbs are used in this specification

<b>Apply</b>	Use existing knowledge or skills in a new or different context.
<b>Analyse</b>	Break a larger subject into smaller parts, examine them in detail and show how these parts are related to each other. This may be supported by reference to current research or theories.
<b>Classify</b>	Organise information according to specific criteria.
<b>Compare</b>	Examine subjects in detail, giving the similarities and differences.
<b>Critically Compare</b>	As with compare, but extended to include pros and cons of the subject. There may or may not be a conclusion or recommendation as appropriate.
<b>Describe</b>	Provide detailed, factual information about a subject.
<b>Discuss</b>	Give a detailed account of a subject, including a range of contrasting views and opinions.
<b>Explain</b>	As with describe, but extended to include causation and reasoning.
<b>Identify</b>	Select or ascertain appropriate information and details from a broader range of information or data.
<b>Interpret</b>	Use information or data to clarify or explain something.
<b>Produce</b>	Make or create something.
<b>State</b>	Give short, factual information about something.
<b>Specify</b>	State a fact or requirement clearly and in precise detail.



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