

Asset Management

The Level 5 Award in
Principles of Asset Management in the Water Industry



This qualification is designed for Water and Wastewater Field Managers, Operational Managers, Asset Managers, Department Heads, Specialist Managers, and Senior and Middle Managers with a responsibility for managing the assets of the Water Industry.

The water sector is an asset intensive industry. This qualification is designed to support the development of the necessary skills required to ensure the efficient operation of assets. The qualification is complimentary with the existing ProQual level 5 qualifications in Water and Wastewater engineering. There are national standards available to ensure a commonality of approach to Asset Management, this qualification will enable managers to understand their responsibilities in this discipline and lead to a more efficient industry.



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Overview of the Qualification – Main Themes

- Describe the legislative and Regulatory framework pertaining to asset management in the water industry.
- Demonstrate the ability to define asset management and its importance to the water industry.
- Demonstrate an understanding of the different types of water industry assets and their life cycles.
- Understand the impact of climate change on asset management within the water industry.
- Identify critical water assets and prioritising maintenance tasks to reduce the impact on water quality and the environment.
- Explain the development of maintenance strategies and plans to ensure resilience for water industry assets.
- Explain the creation and implementation of asset management policies within the water industry.
- Demonstrate an understanding of the management of risk associated with water asset ownership and operation.
- Critically analyse their organisation's capability in evaluating the financial impact of asset management decisions.
- Demonstrate an understanding of the importance of a supply chain procurement strategy that aligns.
- Explain how using key performance indicators (KPIs) can track and improve the optimisation of water industry assets.
- Demonstrate how asset planning can improve the utilisation and efficiency of water industry assets.
- Explain the importance of leadership in driving asset management initiatives in the water industry.
- Describe how the analysis of asset data can identify performance issues and areas for improvement.

Assessment

Candidates must demonstrate the level of knowledge and/or skills described in the units. Assessment is the process of measuring a candidate's knowledge and understanding against the standards set in the qualification. Each candidate is required to produce evidence which demonstrates their achievement of all of the learning outcomes and assessment criteria for each unit.

Upon successful completion of their qualification, learners are able to progress to further learning within the suite of Water Level 5 Qualifications – i.e. completing an Award or Certificate and topping up to Foundation Degree and on to Honours Degree.

Learners may also wish to further their ongoing personal and professional development by accessing other qualifications.

Summary - Award

Level	5
Number of Credits	7
Guided Learning Hours	70
Course Duration	5 Days
Course pre-requisites	There are no formal entry requirements for this qualification. Centres should carry out an initial assessment of candidate skills and knowledge to identify any gaps and help plan the assessment.



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