**ProQual Level 5 Certificate in
Managing Developer Services for the Water and
Environmental Industries**

Qualification Specification

Contents

Introduction

The Level 5 Certificate in Managing Developer Services for the Water and Environmental Industries is aimed at learners who wish to demonstrate their knowledge and understanding of the design and construction of Water and Wastewater Network infrastructure assets and services.

The qualification addresses the technical needs of managers and others working in the Water and Environmental Industries and will provide learners with a thorough understanding of the rationale for Water and Wastewater planning, design, construction and asset installation.

The qualification will address the impact that commercial sustainable development has on the broader Water and Environmental infrastructure and assess the industries ability to renew, extend, repair and replace Water and Wastewater network assets.

The Regulated Qualifications Framework (RQF) is the single framework for regulated qualifications, the regulatory body for this qualification is the Office of Qualifications and Examinations Regulation (Ofqual). This qualification is accredited onto the RQF.

Qualification Profile

Qualification title	**ProQual Level 5 Certificate in Managing Developer Services for the Water and Environmental Industries**
Ofqual qualification number	603/6869/X
Level	Level 5
Total qualification time	120 hours
Credits	12 credits
Guided learning hours	120
Assessment	Pass or fail Assessed and verified by centre staff External quality assurance by ProQual verifiers
Qualification start date	3/12/2020
Qualification end date	31/7/2026

Entry Requirements

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.

Qualification Structure

To achieve the qualification candidates must complete TWO Mandatory units.

Unit Reference Number	Unit Title	Credits	Unit Level	GLH
L/618/5621	Understanding Developer Services for the Water and Environmental Industries	4	5	40
R/618/5622	Managing Developer Services for the Water and Environmental Industries	8	5	80

Centre Requirements

Centres must be approved to offer this qualification. If your centre is not approved please complete and submit form **ProQual Additional Qualification Approval Application**.

Staff
Staff delivering this qualification must be appropriately qualified and occupationally competent.

Assessors/Internal Quality Assurance
For each competence-based unit centres must be able to provide at least one assessor and one internal quality assurance verifier who are suitably qualified for the specific occupational area. Assessors and internal quality assurance verifiers for competence-based units or qualifications will normally need to hold appropriate assessor or quality assurance verifier qualifications, such as:

- ProQual Level 3 Certificate in Teaching, Training and Assessing
- Level 3 Award in Assessing Competence in the Work Environment
- Level 3 Award in Assessing Vocationally Related Achievement
- Level 3 Certificate in Assessing Vocational Achievement
- Level 4 Award in the Internal Quality Assurance of Assessment Processes and Practices
- Level 4 Certificate in Leading the Internal Quality Assurance of Assessment Processes and Practices

Support for Candidates

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

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.

Evidence could include:
- observation report by assessor
- assignments/projects/reports
- professional discussion
- witness testimony
- record of oral and written questioning
- Recognition of Prior Learning

Learning outcomes set out what a candidate is expected to know, understand or be able to do. **Assessment criteria** specify the standard a candidate must meet to show the learning outcome has been achieved.

Learning outcomes and assessment criteria for this qualification can be found from page 7 onwards.

To achieve this qualification all candidates must produce evidence which demonstrates their achievement of all of the assessment criteria.

There must be valid, authentic and sufficient for all the assessment criteria. However, one piece of evidence may be used to meet the requirements of more than one learning outcome or assessment criterion.

Simulations are permitted where candidates, during the course of their qualification, are not able to provide evidence from naturally occurring events.

Internal Quality Assurance

An internal quality assurance verifier confirms that assessment decisions made in centres are made by competent and qualified assessors, that they are the result of sound and fair assessment practice and that they are recorded accurately and appropriately.

Adjustments to Assessment

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.

Results Enquiries and Appeals

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

Certification

Candidates who achieve the requirements for qualifications will be awarded:

- A certificate listing the 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 requirements for a 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 certificates.

Learning Outcomes and Assessment Criteria

Unit L/618/5621
Understanding Developer Services for the Water and Environmental Industries

Learning Outcome - The learner will:		Assessment Criterion - The learner can:	
1	Understand the key principles of the Water Industry function, structure and operation in terms of Water Network and Wastewater Networks	1.1	Explain how the major interfaces of the Water Network from "source to tap" impact on the design and operation of the Water Industry
		1.2	Explain how the major interfaces of the Waste Water Network from "bath to bay" impact on the design and operation of the Water Industry
		1.3	Explain the role of Developer Services in Water Network and Waste Water Network functions within the wider Water Industry
2	Understand regulatory requirements to self-lay services, asset adoption and ownership, for both water and sewerage services within the UK	2.1	Explain the regulatory framework and requirements pertaining to self-lay activities
		2.2	Explain the requirements of the Water Industry Regulation Scheme (WIRS) for self-lay organisations and the differences to other utility registration schemes
		2.3	Explain the Water Quality standards applicable to the provision of water networks
		2.4	Explain the environmental discharges and other requirements for sewerage systems including Sustainable Drainage Schemes (SUDS)
		2.5	Explain how Corporate Governance needs to operate to ensure compliance with regulatory requirements for Developer Services activities
		2.6	Describe the different asset handover options and the financial contributions of the new asset ownership
3	Understand best practice in the design and installation of water distribution systems	3.1	Explain the components of water distribution systems
		3.2	Describe the selection of water pipe materials and the planning of routes for water pipelines explaining best practice requirements
		3.3	Describe the requirements for the safe and hygienic installation, testing and commissioning of water assets
		3.4	Explain best practice for the design of new water assets

Learning Outcome - The learner will:	Assessment Criterion - The learner can:
	3.5 Describe the hydraulic principles used for the design and modelling of water networks
4 Understand best practice for the design and installation of sewerage systems	4.1 Explain the components of sewerage systems including sewage pumping stations
	4.2 Describe the selection of sewer pipe materials and the planning of routes and locations for sewers and sewage pumping stations explaining best practice requirement
	4.3 Explain best practice for the design of foul and storm water sewerage including pumping stations, emergency and surface water outfalls and the requirements for sustainable urban drainage
	4.4 Describe the requirements for the safe and hygienic installation and commissioning of sewerage assets

Assessment

There must be valid, authentic and sufficient for all the assessment criteria. However, one piece of evidence may be used to meet the requirements of more than one learning outcome or assessment criterion.

Unit R/618/5622
Managing Developer Services for the Water and Environmental Industries

Learning Outcome - The learner will:	Assessment Criterion - The learner can:
1 Plan to comply with regulatory requirements for Developer Services and Self-lay activities for their area of responsibility within their organisation	1.1 Assess current and future regulatory and Water Industry Regulation Scheme (WIRS) requirements for Developer Services and self-lay activities
	1.2 Plan action to ensure ongoing and future compliance with regulatory and WIRS requirements for Developer Services and self-lay
2 Manage Developer Services and Self-Lay activities for their area of responsibility within their organisation	2.1 Take action to ensure ongoing compliance with regulatory and WIRS requirements for Developer Services and Self-Lay activities
	2.2 Take action to ensure ongoing efficiency of Developer Services and Self-Lay activities
	2.3 Take action to support the implementation of aspects of corporate governance relevant to Developer Services and Self-Lay activities
	2.4 Monitor regulatory and WIRS compliance and efficiency of Developer Services and Self-Lay activities
	2.5 Provide feedback to colleagues on regulatory and WIRS compliance and efficiency of Developer Services and Self-Lay activities
	2.6 Show different options for asset ownership, costs including risk profiles for asset ownership
3 Take action to deal with failures or problems arising with regulatory and WIRS compliance for their area of responsibility within their organisation	3.1 Identify and evaluate activities outside normal parameters of operation
	3.2 Take necessary action to safeguard the health of consumers
	3.3 Facilitate technical resolution of issues

Assessment

There must be valid, authentic and sufficient for all the assessment criteria. However, one piece of evidence may be used to meet the requirements of more than one learning outcome or assessment criterion.