



Level 3 Diploma in **Plumbing and Heating**

PLUMBING



Qualification Specification

Overview

This qualification focuses on practical skills and understanding of plumbing. This ensures that when the learner completes the qualification they will have gained practical experience and expectation of some of the situations that they could face in a job role within the plumbing sector.

Typical Job

Aspiring to be a plumbing and heating engineer.

Qualification code:	600/8595/2
Level:	3
Total qualification time:	540
Guided learning hours:	468 (min) 536 (max)
Credits:	54
Minimum learning age:	16

Purpose of the qualification

This qualification covers knowledge and understanding of a broad range of plumbing competencies and has been developed in consultation with colleges and training associations to ensure that it meets the needs of the building services sector. The Level 3 Diploma in Plumbing does not require occupational evidence. It is for learners who are progressing from the level 2 diploma in plumbing and heating and have the ability to achieve a level 3 plumbing and heating qualification. The knowledge and understanding required by someone aspiring to work in the plumbing industry. The qualification content includes a range of subjects including: the installation, commissioning, service and maintenance techniques of domestic cold water systems, domestic hot water systems and domestic central heating systems. This qualification is not a competency based qualification, and as such the learner would need additional competence training if they were successful in securing employment within the industry.

What could this qualification lead to?

A career in the building services engineering sector, and further study.

Entry Requirements

Learners must have the potential to achieve the assessment criteria set out in the units.

Qualification Support

This qualification is supported by the IPHE.

How is the qualification achieved?

This qualification is gained when all the necessary units have been achieved. The centre will then be able to apply for the learner's Diploma. The learner will also receive a Certificate of Unit Credit, listing all the units they have achieved.

However if they don't manage to complete the full qualification learners can still claim a Certificate of Unit Credit for the units achieved therefore, they still have proof of their ability and could complete the qualification at a later date.

What will be assessed?

All evidence submitted by the learner against the assessment criteria.

How will it be assessed?

The assessment of the qualification units is via on-screen examinations and centre marked assessments.

Structure

The Level 2 Diploma in Plumbing and Heating and/or Level 2 NVQ Diploma in Plumbing and Heating must be successfully achieved prior to commencing the Level 3 Diploma in Plumbing and Heating

This qualification will be obtained by completing the 54 credits (468 Guided Learning Hours) from the mandatory units at, or above, the level of the qualification

NOTE; GLH = Guided learning Hours.

Mandatory Units: All the units must be achieved:

EAL Code	Type of Unit	Unit Title	Level	Credit	GLH	Ofqual Code
QBSE3/05	K	Understand how to organise resources within BSE	3	3	26	R/602/2498
QDMES3/05	KSP	Understand and apply domestic cold water system installation, commissioning, service and maintenance techniques	3	9	76	K/502/8930
QDMES3/06	KSP	Understand and apply domestic hot water system installation, commissioning, service and maintenance techniques	3	9	76	K/502/9155
QDMES3/07	KSP	Understand and apply domestic central heating system installation, commissioning, service and maintenance techniques	3	12	98	M/502/9156
QPLG3/06	KSP	Understand and apply domestic sanitation system installation, commissioning, service and maintenance techniques	3	8	72	D/502/9296
QDNG3/01	K	Understand core gas safety principles for natural gas within domestic building services engineering	3	13	120	D/502/9296

It is recommended that for learners that may progress onto the competence based qualifications they complete the optional units, as these form part of the RPL process to complete the level 2 NVQ Diploma in Plumbing and Heating.

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EAL Code	Type of Unit	Unit Title	Level	Credit	GLH	Ofqual Code
QBSE2/03	K	Understand how to apply environmental protection measures within BSE	2	4	38	D/602/2486
QPLG2/01	KSP	Understand and apply domestic rainwater system installation and maintenance techniques	2	4	30	F/602/2917

Unit Types: KSP-Knowledge Simulated Performance; K-Knowledge.

