

Open Awards Qualification Unit



This unit forms part of a regulated qualification.

1 Unit Details

Unit Title:	Understanding Domestic Plumbing Systems
Unit Reference Number:	R/505/6138
Level:	Level 2
Credit Value:	3
Minimum GLH:	24

2 Learning Outcomes and Criteria

Learning Outcome (The Learner will):	Assessment Criterion (The Learner can):
1. Understand the distribution of water to and around domestic properties	1.1 Outline the role of local water authorities
	1.2 Describe the layout of basic direct and indirect plumbing systems
2. Understand the layout and design of domestic drainage systems	2.1 Describe the major differences between drainage soakaways, septic tanks and local authority drainage systems
3. Plan the positioning of plumbing hardware in a domestic property	3.1 Produce a plan for domestic system of taps, stoptaps, service valves, gate valves, ball valves and siphons
	3.2 State the reasons for the positioning of plumbing
4. Plan appropriate pipework, storage and insulation systems for domestic property	4.1 Select pipework, storage tank and insulation systems for a specific design for a domestic plumbing system
	4.2 Explain the reasons for choices made
5. Understand the main types of domestic hot water systems	5.1 Describe the major differences between direct and indirect hot water systems and between oil, gas and solid fuel hot water systems
6. Understand how to install major domestic appliances and facilities	6.1 Describe the usual location and methods of installation of garden tap, washing machine, dishwasher, water heater, bathroom suite, shower unit

7. Understand the relative merits of common domestic central heating options	7.1 Describe the main differences between oil, gas and solid fuel central heating systems
	7.2 Describe the most common problem in each system