

City & Guilds Level 3 End-point Assessment for Plumbing and Domestic Heating Technician – Domestic Air Source Heat Pump and Solar Thermal Systems Technician (9289-13)

Resource list

Assessment method	Resources required
Knowledge test	<ul style="list-style-type: none"> • A quiet room, free from distractions and interruptions.
	<ul style="list-style-type: none"> • Access to a computer for taking the knowledge tests on the E-volve platform.
	<ul style="list-style-type: none"> • Tests must be invigilated by the provider/employer.
Practical planning test	<ul style="list-style-type: none"> • A quiet room, free from distractions and interruptions.
	<ul style="list-style-type: none"> • The test must be invigilated by the provider/employer.
	<ul style="list-style-type: none"> • The test can be completed on paper or computer; suitable resources must be provided to each apprentice.
Practical competence test	<ul style="list-style-type: none"> • Each apprentice must have the following normative documents available for use during the test: <ul style="list-style-type: none"> ○ Water regulations guide ○ Building regulations Approved Document G ○ BS 8558 ○ BS 806 Parts 1–5 ○ Domestic building services compliance guide ○ manufacturer’s technical documents (supplied in the Practical Planning Test Resource Pack).
	<ul style="list-style-type: none"> • Each apprentice must have a separate work area/bay, materials, tools, equipment, appliances and components to complete skills assessments: <ul style="list-style-type: none"> ○ Fabricate, install, test and commission domestic cold water, hot water and heating plumbing systems ○ Test, commission and service/maintain a domestic hot water and heating plumbing system ○ Install, test, commission and service/maintain an air source heat pump system, including a heat distribution system. ○ Install, test, commission and service/maintain a thermal solar system (active fully filled and drain back systems, including solar collector, expansion/drain back vessel, solar circulating pump or pumping station, and connection to a hot water storage and distribution system).
	<ul style="list-style-type: none"> • Full details can be found in the Practical Competence Test Resource Pack.

Assessment method	Resources required
Interview underpinned by an apprenticeship portfolio of evidence	<ul style="list-style-type: none"> • A quiet room, free from distractions and interruptions. • Access to a computer with video-conferencing software which is tested prior to the assessment starting. The video-conferencing software will be advised at the point of booking.