



ASSOCIATION OF PLUMBING &  
HEATING CONTRACTORS LIMITED

Mr Neil Collishaw  
Chief Executive Officer  
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Dear Mr Collishaw

As the representative of the plumbing and domestic heating technician employer led Trailblazer group, please accept this letter as our support for the development of the following qualification:

### **BPEC Level 3 Diploma in Plumbing and Domestic Heating**

The group has worked with leading employers in the Plumbing and Domestic Heating sectors along with Professional Institutions to design and develop the new Plumbing and Domestic Heating Technician Trailblazer Standards. The new standards will shape the future of apprenticeships and meet the needs of large companies and SMEs as well as providing a range of flexible pathways into work and careers in our sector for young people.

The employers supporting the new Plumbing and Domestic Heating Technician Standards are:

- Seddon Construction Ltd. (Lead employer)
- Andrew Crookes Plumbing.
- Arthur Padgett Ltd.
- Coulson Building Group
- E C Merrett Ltd.
- Gasway
- Leaks and Locks
- Millside Heating Services Ltd.
- Mitie.
- Parker Bromley Ltd.

REGISTERED OFFICE:

Association of Plumbing and Heating Contractors Limited  
12 The Pavilions, Cranmore Drive, Solihull, B90 4SB  
VAT Registration No: GB234 2142 06 Company No: 05302003

As such, the plumbing and domestic heating group have reviewed existing qualification and their associated units in order to identify the most appropriate selection of units for this new qualification to provide comparability. Based upon our experience, we believe these units are fit for purpose and will provide learners with an appropriate balance of knowledge, skills and understanding across the Plumbing and Domestic Heating Technician Standard that include this qualification.

As per the rule of combination listed in Annex A, we have assigned the Total Qualification Time as agreed during the consultations run during the development of the qualification.

In addition, the unit components will be subject to further review by the Employer Board.

Our support recognises this qualification:

Country or countries to be offered in; England

Main and sub-purposes: D1 – Confirm competence in an occupational role to the standards required

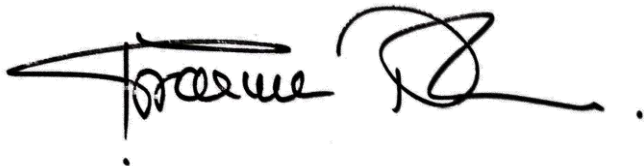
Age ranges the qualification is offered to; 16-18, 18+, 19+

Subject area of qualification; 5.2 Building and Construction

Operational start date: January 2019

We are happy to support the development of the qualification and for it to be submitted to Ofqual for accreditation to the Regulated Qualifications Framework (RQF).

Yours sincerely

A handwritten signature in black ink, appearing to read 'Graeme A Dryden', followed by a large, stylized flourish.

Graeme A Dryden  
Technical Services Manager

APHC  
Representative of the Plumbing and Domestic Heating Employer Group

Annex A:

BPEC Level 3 Diploma in Plumbing and Domestic Heating

The qualification will be obtained by the learner once they have completed the mandatory units and one pathway.

<b>Mandatory Units</b>		GL (hrs)	TQT (hrs)
PDH3-001	Health and safety systems	88	100
PDH3-002	Common processes and techniques	88	100
PDH3-003	Scientific principles	70	85
PDH3-004	Planning and supervision	54	60
PDH3-005	Cold water systems	138	170
PDH3-006	Hot water systems	138	170
PDH3-007	Central heating systems	180	220
PDH3-008	Rainwater systems	30	40
PDH3-009	Sanitation systems	106	130
PDH3-010	Environmental technology systems	15	20
PDH3-011	Domestic fuel systems	30	40
PDH3-012	Electrical work and the control of plumbing and domestic heating systems	70	80
PDH3-013	Install, commission, service and maintain domestic plumbing and heating systems	60	110

Pathways

<b>Pathway option: Natural Gas</b>		GL (hrs)	TQT (hrs)
PDH3-014	Specific Domestic Core Safety for Natural Gas.	190	210
PDH3-015	Install and maintain gas water heating and wet central heating appliances	260	340
<b>Pathway option: Environmental Technologies:</b>		GL (hrs)	TQT (hrs)
PDH3-016	Air Source Heat Pump Systems	160	190
PDH3-017	Rainwater harvesting and greywater reuse systems	130	170
PDH3-018	Solar Thermal Hot Water Systems	160	190
<b>Pathway option: Oil</b>		GL (hrs)	TQT (hrs)
PDH3-019	Core principles of oil fuel systems for dwellings (safety and efficiency)	170	200
PDH3-020	Install, commission, maintain and service oil systems and appliances in the work place	230	300
<b>Pathway option: Solid Fuel</b>		GL (hrs)	TQT (hrs)
PDH3-021	Safety principles (solid mineral fuel and biomass combustion)	170	210
PDH3-022	Plan, install, commission, service and maintain solid mineral fuel and biomass combustion appliances	230	290