



GAS ENGINEERING OPERATIVE (LEVEL 3)

DURATION (EXCL EPA)

18 Months (£22000)

EPA DURATION

2 Months

START DATE

Monday 21st March 2022

Monday 12th September 2022

ABOUT THE COURSE

Gas engineering operatives work in a range of domestic, commercial and industrial sectors setting up, maintaining and decommissioning various appliances that use gas.

As a gas engineer, you will work with a range of gas appliances in domestic and non-domestic settings. This involves installation, commissioning and decommissioning these appliances as well as their ongoing servicing and repair. Appliances you could work within this sector include alternative fuel technologies, boosters, space heaters, boilers and industrial pipework testing equipment. You would also learn the skills to give advice on how appliances work and their energy efficiency to customers. As a gas operative, you will have to work strictly within the requirements of health and safety legislation at all times.

Roles in gas engineering are physical in nature and may involve lifting heavy equipment, working at heights and in confined spaces.

PATHWAYS

Learners will complete the LCL Managed Learning Programme Pathway. This is a structured programme to bring learners from being new to the Gas Industry to being ready to register as Gas Safe. Apprentices will qualify on four appliances within the programme.



WHO IS THIS FOR?

- Available to all Levy and Non-Levy employers
- Apprentices must be fully employed
- Candidates will ideally have a plumbing and heating qualification or a proven track record of working in the plumbing and heating industry
- Available for existing members of staff if they are upskilling to gas engineers
- Must have GCSE grades of a level 3 (old grade D) or above in maths and English.

The course includes ACS (CCN1 route) and apprentices will be eligible for gas safe registration on completion.

For further information and apply, please contact hello@hartld.co.uk

Course Overview

As part of the Gas Engineering Operative Programme, you will be required to develop Knowledge, Skills and Behaviours in the below areas within your organisation:

- Safe gas and electrical installation, commissioning, decommissioning and/or ongoing service and repair procedures of gas installations and appliances needed to establish the safe operation of the equipment and installation in accordance with industry standards
- Relevant electrical and mechanical principles and how they are applied.
- Gas and electrical theories and how they are involved in practical work on gas installations.
- Detailed knowledge of combustion, combustion analysis, gas properties, carbon monoxide and types of burners.
- Carrying out tightness testing, purging and relight procedures on gas installations.
- Health and Safety.

Course Delivery

The course will typically be completed over an 18-month period, which will include weekly knowledge delivery through face-to-face sessions at our Stevenage construction campus.

The learners will also be observed in the workplace to identify the standards of competence are being met. There will also be recorded professional discussions covering competence towards the standard.

The tutor will complete a progress review in the first 6 weeks and every 10-12 weeks thereafter, which will require the Employer's presence. All work will be stored on an electronic portfolio ready to be submitted to the End Point Assessment Organisation.

At the end of the 18th month, the learner will have a final assessment with an End Point Assessment Organisation (EPAO). Revision and mock activities will be completed with the learner prior to the final assessment.

End Point Assessment

As part of the Apprenticeship Standard, you will be required to complete an End Point Assessment (EPA) at the end of your programme with an external Independent Assessor (EPAO).

Throughout the programme your tutor will prepare you for the End Point Assessment and complete mock assessments prior to your final assessment.

The following elements will be completed during the End Point Assessment for the Gas Engineering Operative:

- Gas Safe Registration
- Competency Test
- Knowledge Test
- Portfolio of Evidence

At the end of the final assessment, the below grades will be awarded by the EPAO:

- Fail
- Pass
- Distinction

Qualifications

As part of the Gas Engineering Operative Standard you will be achieving the following qualifications:

- Apprenticeship Standard Certificate in Gas Engineering Operative
- LCL managed learning programme which includes Domestic Gas Safety Training (CCN1) followed by endorsement on 4 domestic gas appliances
- Functional Skills Maths (Level 2)*
- Functional Skills English (Level 2)*

*Will be achieved if relevant qualification not already held prior to the Apprenticeship.

Entry Requirements

Typical applicants will display a good attitude, a positive approach to learning & development and a high level of ambition. Apprentices will need to sit an initial assessment in both English and Maths.

Where a learner does not hold an equivalent to or GCSE grade 4 (C) or above, you will need to sit Functional Skills Level 2 English and Maths prior to taking the End Point assessment.

Learner Journey

Click [here](#) to find out more.

About us

We are a progressive learning and development business which supports businesses of all sizes to engage with and invest in emerging talent.

01462 471041