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## City & Guilds

### **Level 3 NVQ Diploma in Domestic Heating (Gas Fired Water and Central Heating Appliances) 600/1117/8**

#### OVERVIEW

This QCF qualification covers a wide range of areas related to the skills and knowledge required to become competent within the domestic plumbing and gas heating sector.

They allow learners to learn, develop and practice the skills required for a career within the domestic heating sector.

On choosing this qualification, you will study the following units, which are all mandatory:

- Understand how to organise resources within BSE
- Understand and carry out electrical work on domestic plumbing and heating systems and components
- Understand and apply domestic cold water system installation, commissioning, service and maintenance techniques
- Understand and apply domestic hot water system installation, commissioning, service and maintenance techniques
- Understand and apply domestic central heating system installation, commissioning, service and maintenance techniques
- Install, commission and de-commission gas pipework up to 35mm 1¼ diameter in domestic and small commercial premises
- Maintain gas water heating and wet central heating appliances
- Install domestic gas water heaters and wet central heating appliances
- Specific Core Installation & Maintenance
- Understand core gas safety principles for natural gas within domestic building services engineering
- Install, commission, service and maintain domestic heating systems
- Tightness test, purge, commission and de-commission gas pipework up to 35mm 1¼ diameter in small natural gas installations

This qualification is suitable for you if you are aged 16 or over.



## WHY CHOOSE THIS QUALIFICATION OVER OTHER SIMILAR QUALIFICATIONS?

City & Guilds offers other qualifications within the field of Domestic Heating. This relates to the vast array of domestic heating systems that exist around the UK, and the specific job roles that you may undertake in industry. You will choose this qualification if you wish to specialise in **Domestic Heating Gas Fired Water and Central Heating Appliances**.

The gas suite of qualifications have a number of different skill sets required for the roles they are tailored to, this suite of qualifications all at level 3 require the learner to understand and carry out the specific practical and knowledge tasks to become successful in future job roles.

Successful completion of this qualification reflects the ability to select and use relevant knowledge, ideas, skills and procedures to complete well defined tasks and address straight forward problems. It includes taking responsibility for completing tasks and procedures, and exercising autonomy and judgement subject to overall direction or guidance. You will also be competent in your chosen specialist pathway.

However there are a number of other qualifications that you may also want to consider at Level 3 which tailor specific skill sets for specific job roles. Each of the following qualifications highlighted below have been developed to enhance learners knowledge and skills within the specific plumbing and heating sectors.

- Level 3 NVQ Diploma in Domestic Plumbing and Heating
- Level 3 NVQ Diploma in Domestic Plumbing and Heating (Gas Fired Warm Air Appliances)
- Level 3 NVQ Diploma in Domestic Plumbing and Heating (Gas Fired Water and Central Heating Appliances)
- Level 3 NVQ Diploma in Domestic Heating
- Level 3 NVQ Diploma in Domestic Heating (Gas Fired Warm Air Appliances)

## WHAT COULD THIS QUALIFICATION LEAD TO?

Learners choosing this particular qualification within this overarching suite, will enable them to become a competent Gas Safe registered engineer. Throughout the learning at level 3 you will have gained the skills and knowledge to ensure you are able to carry out the specific job roles that this qualification leads to. The role of a gas fired water and central heating appliance engineer is to install and maintain water and central heating appliances.

On completing this qualification, you could find employment, or go on to study the following:

**Level 3 Award in Leadership and Management Practice for the Construction and Built Environment Sector 600/9573/8**

## WHO SUPPORTS THIS QUALIFICATION?

This qualification is supported by (APHC) Association of Plumbing and Heating contractors