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## City & Guilds

Level 3 Diploma in Heating and Ventilating – Industrial and Commercial Installation  
(600/1009/5)

### OVERVIEW

#### **What does this qualification cover?**

This qualification covers the advanced occupational practical skills and knowledge required to work in industrial and commercial installation roles within the heating and ventilating industry.

You will take the following mandatory units

- Understand how to organise resources within Building Services Engineering
- Understand and carry out electrical work on industrial and commercial heating and ventilating systems and components
- Understand industrial and commercial cold water system installation and pre-commissioning techniques
- Understand industrial and commercial hot water system installation and pre-commissioning techniques
- Understand industrial and commercial heating system installation and pre-commissioning techniques
- Understand industrial and commercial chilled water system installation and pre-commissioning techniques
- Understand the principles and requirements of industrial and commercial fuel systems
- Install H&V industrial and commercial systems

and then choose from the following optional units

- Understand industrial and commercial heating and ventilating maintenance techniques
- Maintain industrial and commercial heating and ventilating systems
- Understand industrial and commercial oxy-acetylene pipe jointing
- Perform industrial and commercial oxy-acetylene pipe jointing
- Understand industrial and commercial manual metal arc pipe jointing techniques

- Perform industrial and commercial manual metal arc pipe jointing

This is a QCF qualification.

Who could take this qualification? OR who is this qualification suitable for?

This qualification is suitable if you wish to pursue a career in industrial and commercial installation roles within the heating and ventilating industry. Ideally you should already have taken the Level 2 NVQ Diploma in Heating and Ventilating Industrial and Commercial Installation (600/1806/9) qualification and be working in a heating and ventilating operative role within the industry.

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

WHAT COULD THIS QUALIFICATION LEAD TO?

This qualification could lead to jobs such as:

- Heating and Ventilating Installer
- Heating and Ventilating Service and Maintenance Operative
- Heating and Ventilating Engineer
- Heating and Ventilating Service and Maintenance Engineer

You could progress onto the 'Heating and Ventilating' apprenticeship or the following Institute of Leadership and Management (ILM) qualifications:

- Level 3 Award in First Line Management (500/3586/1)
- Level 3 Diploma in First Line Management (500/3587/3)
- Level 3 Certificate in First Line Management (500/3585/X)

WHO SUPPORTS THIS QUALIFICATION?

This qualification is supported by 'Building and Engineering Services Association (B&ES)'