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1 Giltspur Street  
London  
EC1A 9DD  
T +44 (0)20 7294 2468  
F +44 (0)20 7294 2400  
www.cityandguilds.com

## City & Guilds

600/0912/3 Level 2 Diploma in installing, testing and maintaining air-conditioning and heat pump systems

### OVERVIEW

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

This qualification covers the practical skills and knowledge required to work as an air-conditioning and heat pump engineer in the air-conditioning and heat pump industry.

The following areas are covered within this qualification:

- health and safety
- environmental principles
- scientific principles
- electrical principles
- principles of air-conditioning and heat pump systems
- installation of air-conditioning and heat pump systems
- F-Gas and ozone depleting substances

All of the above topics are mandatory.

This is a Framework qualification.

Who could take this qualification?

This qualification is suitable for those who wish to pursue a career as an air-conditioning and heat pump engineer within the air-conditioning and heat pump industry.

This qualification is suitable for anyone from 16 years old or over to take this qualification.

#### WHAT COULD THIS QUALIFICATION LEAD TO?

This qualification could lead to jobs such as:

- Air-conditioning and heat pump system engineer



The learner could progress onto an apprenticeship at level 2 or 3 in air-conditioning/heat pump systems or onto the following qualifications:

- Level 3 NVQ Certificate in installing and commissioning air-conditioning and heat pump systems
- Level 3 NVQ Certificate in servicing and maintaining air-conditioning and heat pump systems

#### WHO SUPPORTS THIS QUALIFICATION?

This qualification is supported by ACRIB (Air-conditioning and refrigeration industry board).