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City & Guilds

600/6036/0 Level 2 Diploma in refrigeration, air-conditioning and heat pump systems

Who is this qualification for?

This qualification is aimed at you if you, if you are looking to start a career in the refrigeration, air-conditioning and heat pump systems industry.

This qualification is suitable for anyone from 16 years old or over. There are no formal entry requirements for anyone wishing to take this qualification.

What does this qualification cover?

This qualification covers a very wide range of skills and knowledge required for preparing to work in the refrigeration, air-conditioning and heat pump systems industry.

In order to complete the qualification the following topics are all compulsory:

- health and safety in building services engineering
- scientific principles within RAC and HP systems
- apply scientific principles to practical vapour compression systems
- functions and features of RAC and HP systems
- service and maintain RAC and HP systems
- install and commission RAC and HP systems
- electrical systems for RAC and HP systems
- handling fluorinated gases and ozone-depleting substances category i personnel
- understand how to communicate with others within building services engineering.

Centres and providers may work with local employers who can contribute to the knowledge and delivery of training. Employers may provide demonstrations and talks on the industry and where possible work placements will also be provided by the employers. This practically based training is ideal preparation for training on the job or specialist further study

What could this qualification lead to?

On successful completion this qualification will provide you with the practical skills and knowledge to further progress your learning within the refrigeration, air-conditioning and heat pump industry.



Will this qualification lead to further learning?

To become a qualified refrigeration or air-conditioning technician you can progress onto the following qualifications:

Level 2 NVQ Diploma in Installing, Testing and Maintaining Air Conditioning and Heat Pump Systems (600/0912/3)

Level 2 NVQ Diploma in Installing and Maintaining Refrigeration Systems (600/0913/5)

Level 3 NVQ Certificate in Installing and Commissioning Air Conditioning and Heat Pump Systems (600/0900/7)

Level 3 NVQ Certificate in Servicing and Maintaining Air Conditioning and Heat Pump Systems (600/0900/7)

Who supports this qualification?

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

THIS IS INTENDED FOR USE AS A SUBSTANTIAL VOCATIONAL QUALIFICATION AT LEVEL 2.