



Refrigeration, Air Conditioning and Heat Pump Current Qualifications Map for England and Wales

Current Apprenticeship (from 2021)



RACHP Engineering Technician Apprenticeship (“Trailblazer”)

Based on knowledge, skills and behaviours standards set by RACHP employers and meets national standards for the RACHP Technician occupation, incorporating:

- End Point Practical, Theory and Interview Assessments (C&G 6090-05)
 - F Gas Certificate
 - Training and qualifications (Level 2 C&G 6090-20 & Level 3 C&G 6090-30)
- Certificate awarded by the Institute for Apprenticeships and Technical Education

<https://www.instituteofapprenticeships.org/apprenticeship-standards/refrigeration-air-conditioning-and-heat-pump-engineering-technician-v1.3>

Other stand-alone Qualifications available

City & Guilds Diploma in Refrigeration, Air Conditioning & Heat Pump Systems (6090-20) at Level 2

City & Guilds Diploma Refrigeration, Air Conditioning & Heat Pump Systems (6090-30) at Level 3

Older Qualifications

City & Guilds Level 2 Diploma in Refrigeration, Air Conditioning & Heat Pump Systems (7189-02)
NVQ Building Services Diploma in Installing & Maintaining Refrigeration Systems (6187-02)
NVQ Building Services Diploma in Installing, Testing and Maintaining Air Conditioning & Heat Pumps (6187-01)

City & Guilds Level 3 Diploma Refrigeration, Air Conditioning & Heat Pump Systems (7189-03)
NVQ Building Services Certificate in Servicing & Maintaining AC & HP Systems (6187-04)
NVQ Building Services Diploma in Servicing & Maintaining Refrigeration Systems (6187-06)

Mandatory Certificates (technicians must hold one of these)

- City & Guilds F Gas & ODS (2079 pt1)
- BESA Training F Gas (Cat. 1)
- Logic Certification F Gas (603 Cat. 1)

ACRIB SKILLcard REQUIREMENTS

- Blue ACRIB SKILLcard (L2 qual)
- Gold ACRIB SKILLcard (L3 qual)
- White/Yellow ACRIB SKILLcard (Fgas only)

Short Courses and Certificates

- Hydrocarbon City & Guilds 6187-21
- Brazing C&G6187-21, BESA, BRA
- CO₂ courses, C&G,6187. BRA, BESA
- Ammonia C&G 2078. BESA AA02
- REAL Alternatives / REAL Zero Containment CPD by IOR

USEFUL CONTACTS AND LINKS

Air Conditioning and Refrigeration Industry Board
www.acrib.org.uk

ACRIB Skillcard
www.acrib.org.uk/acrib-skillcard

BESA Training www.thebesa.com/training

BRA Carbon Dioxide Short Course
<http://www.feta.co.uk/associations/bra/specialist-topics>

BRA Joining of copper pipework specification
<http://www.feta.co.uk/associations/bra/downloads>

City & Guilds <http://www.cityandguilds.com/>

IOR REAL Zero e-learning CPD
<http://www.realzero.org.uk>

IOR REAL Alternatives e-learning CPD
<http://www.realalternatives.eu>

Logic Certification
<http://www.logiccertification.com>

Level 4 and above Qualifications

- HNC
- HND
- Foundation Degree
- Degree in Engineering
- Post Graduate qualifications (MSc, MEng etc)