



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

LEVEL 2

LEVEL 3

Apprenticeship Standard "Trailblazer"

RACHP Engineering Technician Apprenticeship. End point assessment from City & Guilds or BESA Training

Older Framework Apprenticeships

Building Services Mechanical Engineering Services Apprenticeship (based on C&G 6187 qualifications)

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Other National Qualifications

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

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

City & Guilds Diploma Refrigeration, Air Conditioning & Heat Pump Systems (7189-02)

City & Guilds Diploma Refrigeration, Air Conditioning & Heat Pump Systems (7189-03)

City & Guilds NVQ Diploma in Installing, Testing & Maintaining Air Conditioning & Heat Pump (6187-01)

City & Guilds NVQ Certificate in Servicing & Maintaining AC & HP Systems (6187-04)

City & Guilds NVQ Diploma in Installing & Maintaining Refrigeration Systems (6187-02)

City & Guilds NVQ Diploma in Servicing & Maintaining Refrigeration Systems (6187-06)

EAL Diploma Engineering Maintenance

EAL Diploma in Installation & Commissioning

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 1-2)

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
- 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 Jointing 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.realalternatives4life.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)