

# Owen Marsh

Southampton, United Kingdom

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## Trainee HVAC Technician

HVAC trainee with a Level 3 Diploma in Refrigeration, Air Conditioning, and Heat Pump Systems and a Category 1 F-Gas certificate. 8 months of commercial experience servicing Daikin, Mitsubishi, and Carrier systems. Completed 65 PPM visits and assisted with 4 new VRV installations from pipework brazing through to commissioning.

### Experience

#### Trainee HVAC Technician, Trane Technologies (Service Division), Southampton

Jan 2025 – Present

Servicing and maintaining commercial HVAC systems in offices, retail units, and light industrial buildings across Hampshire.

- Completed **65 planned preventative maintenance visits** on split systems, VRV units, and chilled water AHUs across 18 client sites
- Replaced **12 compressors** under supervision on Daikin and Mitsubishi ceiling cassette systems, evacuating and recharging refrigerant to manufacturer specifications
- Recharged R410A and R32 refrigerant on **28 systems**, using electronic leak detection and weighing scales to achieve correct charge weights
- Assisted with **4 new VRV installations** in a 6 storey office block: brazed copper pipework, performed nitrogen pressure tests, pulled vacuum to 500 microns, and supported commissioning

#### Building Maintenance Assistant (Part Time), University of Southampton Estates, Southampton

Mar 2024 – Dec 2024

Part time facilities maintenance role covering basic HVAC, plumbing, and electrical tasks across the university campus.

- Changed filters on **40 fan coil units** during quarterly maintenance cycles across 3 academic buildings
- Responded to **15 reactive callouts** per month for blocked drains, tripped MCBs, and thermostat faults

### Education

#### Level 3 Diploma in Refrigeration, Air Conditioning & Heat Pump Systems, Eastleigh College, Eastleigh

Sep 2023 – Jun 2025

Completed with Merit. Covered refrigeration cycle theory, system design, brazing techniques, electrical fault finding, and F-Gas regulations.

- Practical assessments: installed and commissioned a **split air conditioning system** from scratch in the college workshop, including pipework, electrical connections, and refrigerant charging
- Completed module on **air source heat pump installation** including MCS standards and heat loss calculations

#### GCSEs (7 grades 9-4), Bitterne Park School, Southampton

Sep 2018 – Jun 2023

Included Maths (Grade 7), English (Grade 5), and Physics (Grade 6).

### Skills

Refrigerant Handling (R410A, R32, R407C) • Pipework Brazing & Flaring • Vacuum Testing & Leak Detection • PPM Servicing (Split, VRV, AHU) • Electrical Fault Finding (Multimeter, Clamp Meter) • BMS Controls Awareness (Trend, Honeywell) • Heat Pump Installation (Air Source) • Nitrogen Pressure Testing • Manufacturer Diagnostics (Daikin, Mitsubishi) • Health & Safety / Working at Height

### Certifications

#### F-Gas Certificate – Category 1, City & Guilds 2079

Apr 2025

#### Level 3 Diploma – Refrigeration & Air Conditioning, Eastleigh College

Jun 2025

#### CSCS Green Card – Labourer, Construction Skills Certification Scheme

Jan 2024

#### IPAF Mobile Elevated Work Platform (3a/3b), IPAF

Feb 2025 – Feb 2030

### Languages

English (native)

### References

#### Paul Chadwick

Service Manager, Trane Technologies, paul.chadwick@trane.com, +44 7700 900 344

### Extra Curricular Activity

#### Southampton Parkrun – Regular Runner & Volunteer

Jan 2023

Run the weekly 5K most Saturdays and volunteer as timekeeper once a month. Completed 62 parkruns with a personal best of 21:14.