

Position: HVAC Service Engineer/Validation Engineer

Department: Service Team

Salary: Competitive – dependent on experience

**Additional considered for more senior/experienced candidates*

Job type: Permanent (subject to a six-month probation period)

Holiday: 31 days including Bank Holidays (three days over Christmas mandatory) – increases after two-year intervals up to a maximum of 28 days

Pension: 6% company contributions

Location: Sites nationwide (ideally located in the South of England – occasional visits to Europe) **Benefits:** BrightHR Exchange staff discounts and offers, Specsavers Eyecare Vouchers, Bike2Work Scheme, Training & Development plans, Additional holiday scheme linked with service length, Guardtech Social Committee events

The Guardtech Group

Guardtech are a rapidly growing, thoughtfully evolving design & build company that produce high-quality, tightly controlled manufacturing facilities (cleanrooms) across the country for the Life Science sector for industries such as Pharmaceutical, Aerospace, Automotive & Medical Device.

The business is doubling in size year on year and is looking for highly dynamic, positive, driven individuals to join our team and share in our incredibly exciting journey.

At the forefront of innovation and sustainability, we are committed to delivering cutting-edge projects that redefine the landscape. Our Service Teams plays a pivotal role in ensuring the success of our ventures by executing efficient and effective cleanroom servicing and maintenance programmes for our ever-increasing client base.

Key Responsibilities & Capabilities

1. Commissioning & Testing

Proficient in conducting full commissioning and validation activities, including Filter Integrity Testing, Pressure Balancing, and performance testing of separative devices such as Biological Safety Cabinets (BSCs) and Laminar Airflow (LAF) units.

2. System Upgrades

Experienced in upgrading HVAC systems and associated cleanroom infrastructure, including filter replacements, environmental monitoring systems (EMS), door systems, and cleanroom modifications.

3. Service & Maintenance

Conducts planned and reactive maintenance on critical systems including HVAC units, air compressors, generators, UPS systems, and separative devices (BSCs, LAFs), ensuring minimal downtime and regulatory compliance.

4. Client Sign-Off Procedures

Ensures completion of a detailed sign-off sheet at the conclusion of each job, securing approval and signature from the client before leaving site to confirm satisfaction and scope closure.

5. **Reporting & Handover**

Liaises directly with the Service Manager post-visit to provide a comprehensive, clear, and specific breakdown of works undertaken and any recommended follow-up actions, aiding in the preparation of detailed service reports.

6. **Support to Business Development**

Assists the Business Development Manager (BDM) by contributing to the preparation of detailed, itemised quotations for clients, including the internal development of Bill of Quantities (BOQ) to ensure accurate cost and scope alignment.

7. **IQ/OQ Documentation**

Executes Installation Qualification (IQ) and Operational Qualification (OQ) protocols in line with GMP and client standards, including full documentation and traceability.

8. **Commissioning Management**

Manages, witnesses, and records all stages of the commissioning process for new installations, ensuring thorough validation and compliance with project specifications and client requirements.

9. **Cleanroom Panel Installation**

Experienced in the installation of modular cleanroom wall panels across various systems such as Kingspan Precision and Versatile, maintaining strict tolerances and cleanroom integrity.

10. **Suspended Ceiling Systems**

Installs cleanroom-grade suspended ceilings, including grid systems like T50 and T24, ensuring compatibility with HVAC systems and lighting units.

11. **Door System Installation**

Installs various cleanroom door systems (manual, automated, or airlock-integrated), including systems from Kingspan Precision and Versatile.

12. **Fan Filter Unit (FFU) Installation**

Experienced in the installation and commissioning of Fan Filter Units (FFUs) from multiple manufacturers including Astra and TripleAir, ensuring correct airflow performance and integration with cleanroom systems.

13. **Cleanroom Equipment Fit-Out**

Responsible for the precise installation of cleanroom equipment, furniture, and fittings, ensuring alignment with layout plans, operational workflows, and cleanliness standards.

14. **Vehicle Maintenance**

Maintains company vehicle to a high standard of cleanliness and mechanical upkeep, ensuring safety, reliability, and brand representation.

15. **Tool Management & Security**

Accountable for the maintenance, calibration, and secure storage of all tools and equipment used on-site to ensure operational readiness and prevent loss or misuse.

To apply, please email a copy of your CV to j.murphy@guardtech.com