

**JOB TITLE: HVAC - BUILDING SERVICES APPRENTICE ENGINEER****MAIN PURPOSE OF JOB:**

To learn, develop and provide HVAC system design service, advice and technical support for our growing Solutions business. Design cost-effective and energy efficient systems for building services such as air conditioning, heating, ventilation and domestic hot water. Play a leading role in developing the company's technical competence and design capability. To participate and contribute eventually to technical discussions with your colleagues, key suppliers, customers & industry associations.

The role will require excellent organisation skills and a can-do attitude.

**RELATIONSHIPS****RESPONSIBLE TO:**

Technical Manager

**LIAISON WITH:**

Customers, Key Suppliers, Company Directors, Senior Managers and Industry Associations

**MAIN TASKS OF JOB:****RESPONSIBILITIES**

1. Ensuring that the electrical, mechanical and telecoms aspects of our products perform effectively and efficiently with all the functional characteristics of a building
2. Design domestic & light commercial central heating systems that will incorporate traditional gas boilers and the very latest heat pump and renewable technology.
3. Design the Unico air conditioning system, under floor heating and domestic hot water systems. Including integration with associated supplier products and smart controls.
4. Liaise with our key suppliers, customers and industry associations to ensure full compliance with current UK building regulations, CIBSE and SAP assessments.
5. Work with various design software and project management tools such as Wrightsoft, H2x and CAD.
6. Provide technical support and documentation for our associated products and training facilities
7. Designing the layout of energy distribution, water pipes, ventilation systems, electrical wiring and identifying relevant materials
8. Drawing up plans using computer-aided design and building information modelling software
9. Making sure that all our products and services meet health and safety requirements, UK building regulations and environmental legislation
10. Liaising with plumbers, electricians, surveyors, architectural technologists and other construction professionals
11. Provide input to company presentations, reports & supporting documentation

12. Provide excellent customer service: telephone manner, verbal & written communication

You may be required to perform other duties that may be reasonably expected of you within the company. Amendments may be made to your job description from time to time in relation to our changing needs and your own ability.

#### SKILLS REQUIRED:

Qualifications and training required

Building service level 1 apprenticeship. Accredited or association with an appropriate professional body, such as CIBSE or CIPHE.

Industry-related work experience would be a benefit but not essential.

**Key skills:**

1. Excellent analytical and problem-solving skills
2. An eye for detail and good design
3. Strong numeracy skills
4. Strong communication skills
5. Excellent people and time management skills
6. The ability to work well both as part of a team and on your own
7. Strong technical drawing skills
8. Good IT skills and a familiarity with industry-specific software and modelling programmes.

This appointment is an important part to our medium and long-term growth strategy and the role will continue to evolve and develop as the business expands.