

Job Description – Technical Heating Engineer

July 19

Managed by

Heating Systems Director

Location

Newbury

The Role

PassivSystems has created a new heating services team to support the deployment of Smart controlled heating systems as a turnkey solution for their B2B clients in the energy industry.

The Technical Heating Engineer is a multi-disciplined heating engineer who will design and create the specification for the heating applications, provide technical support and undertake onsite visits to commission newly installed systems.

The role is primarily office-based role with travel required to various area of operations.

Salary £28- £36k dependant on experience.

Job description

The Technical Heating Engineer will undertake reviews of home survey data, images and EPC information and evaluate whether our renewable heating solution is suitable for each home. Where homes are identified as candidates for our solution, they will create a system design from the information provided which will be included in the proposal to the client and used as instructions and guidance for the installer to complete the home installation.

The system commissioning process takes approximately 1 day and is the final stage of renewable heating system installation. The Technical Heating Engineer will undertake a site visit to undertake commissioning steps and complete the hand-over with the customer in line with our MCS processes.

The technical heating engineer will provide their expertise to the operations and support team for technical issues with the installed heating systems and review the systems data on our support desk to ensure our portfolio of systems is performing satisfactorily.

General Duties

Renewable heating system design: Provide a knowledgeable application of heat pump technology to existing domestic heating systems.

Create high level mechanical layout drawings: Create a simple mechanical and electrical layout/floor plan for installers to follow on site

Heatloss calculations: Provide a heatloss calculation and performance evaluation from the system design.

Technical support: From time to time provide technical support and troubleshooting for the operations support team or installers on site.

Commissioning: Provide commission services to new installations to meet the companies MCS Standards.

Quality Assurance: From time to time provide site visits to installations during installation to review installers and workmanship

Other duties:

- Provide general support to the operations support team and the R&D and project teams within PassivSystems
- Maintain knowledge of PassivSystems policies and procedures and follow relevant policies in day to day work
- Attend training and safety courses and deliver PassivSystems specific training to engineers and employees
- Work to operational procedures, safe working practises the company health and safety procedures and approved codes of practice as appropriate.
- Ensure all necessary documentation and reports relating to heating proposals and installations are completed and stored safely.
- Maintain confidentiality of information about staff, customers and the business in accordance with the company Data protection policy

Essential Skills and Experience

Personal skills

- Self-motivated with a can-do approach
- Problem-solving attitude
- Excellent written and verbal communication skills with the ability to engage with technical and non-technical stakeholders
- Personable and customer-service oriented
- Works well under pressure and to deadlines
- Organised, focused and has an eye for detail
- Flexible and adaptable, copes well with change and taking on new tasks
- Works well as part of a team and independently

Education & Training

Required

- ACS - CCN1 CEN, WAT1 CENWAT or CPA1 (current or lapsed)
- Plumbing and Heating Design level 2 or 3 to NVQ or City and Guilds standards (or equivalent)
- Strong knowledge of health and safety compliance
- Educated to GCSE, including Math and English (or equivalent)
- Good working knowledge of Word, Excel and Powerpoint
- Clean driving licence

Desirable Skills and Experience

- H Renewable Heating installation and design
- Commercial Heating installation and design
- Oftec and LPG competency qualifications
- Part P and/or 18th edition electrical competency
- Additional core competencies:
 - HTR1 Gas fires
 - CPA1 Gas flue analyser
 - CKR1 Cooker
 - WAT1 Water Heaters
 - OFT101 Pressure Jet Servicing Oil
 - UDHW Unvented Domestic Hot Water
 - Energy
 - Efficiency New boiler installs
 - OFT102 Servicing vaporising appliances
 - OFT105e Oil Boiler Install
 - CIGA1 Indirect Fired Heating Appliances commercial
 - TPCP1A Testing & Purging of Commercial pipe work, to UP/1A
 - ICPN1 Installation of Commercial pipe work
 - OFT600A Installation of oil tank
- Must have a minimum of 5 years' experience in building and mechanical industry
- Demonstrate an in-depth knowledge of the application and installation of heating systems
- Installing, servicing and maintaining heating systems
- Operating and observing health and safety on construction sites
- Demonstrate an ability to communicate to customers professionally

Candidate Profile

Ideally the candidate will live near PassivSystems Headquarters in Newbury and must have their own car.