

KENSA HEAT PUMPS LIMITED**JOB DESCRIPTION****Job Title: Product Development Engineer**

Workbase: Mount Wellington, near Truro, Cornwall

Normal working hours: Full time 9 to 5 Monday to Friday

(Note: You may be required to work at another of the company's locations or on-site from time to time.)

Responsible to: Technical Manager

Kensa Heat Pumps Ltd is the UK's leading manufacturer and specialist supplier of ground source heat pump systems. Established in 1999, Kensa supplies its products and services to a wide range of customers, including self-builders, installers, house builders and social landlords.

Due to an increasing number of market opportunities, Kensa is currently seeking an enthusiastic Product Development Engineer to join its busy and well-established Research and Development team.

There are two elements to Kensa's business – Kensa Heat Pumps, which deals predominantly with end users and installers; and Kensa Contracting, which deals primarily with larger, turnkey projects and spans market sectors including volume house builders, social landlords and other commercial clients.

Main Purpose of Job:

A versatile Mechanical or Electrical Engineer (who has appreciation of Renewable Energy) capable of delivering enhancements to existing products and developing brand new products in line with the company's product development initiatives. The role will be mentored by the existing product development engineer.

Environment:

Kensa Heat Pumps operates from two sites, one in Cornwall (production/administration) and one in Exeter (sales/marketing). The role would be predominantly based from the Cornwall office, although certain tasks will need to be performed on-site and may involve overnight stays.

People dealing with:

Mainly suppliers and colleagues, however end users, distributors, installers may also be dealt with (regarding market research, field trials, etc).

Key Tasks

1. To lead and support product development projects from inception through to production.
2. To design mechanical and electrical aspects of all Kensa products working alongside external companies as necessary.
3. To manage and support product development, engaging with all internal stakeholders, running product development meetings and NPD stage gate reviews.
4. To remain familiar with all current and emerging regulations which impact Kensa products.
5. To ensure regulatory compliance of designs and to lead on all test programmes. To help design, build and run simple and complex test rigs.
6. To ensure the smooth transition of concepts through to detailed design and of approved designs through to manufacturing.
7. To produce technical reports and design documentation.
8. To build and test prototypes leading to new products and developments.

Key Behaviours and Skills

1. Ability to grasp new concepts and ideas.
2. Proficiency in CAD (Solidworks preferred) and Microsoft Office.
3. To build a comprehensive knowledge of products and to keep updated with changes in product and production procedures.
4. To undertake training and to assist in training other members of staff as required.
5. To actively and positively contribute to any appraisal process and to follow up agreed actions.
6. To remain a positive ambassador of Kensa at all times.
7. To work at all times in accordance with the Health & Safety at Work Act 1974 and to follow all company procedures and guidelines.
8. To work at all times in accordance with the company's Dignity & Diversity at Work Policy.
9. To be permitted to work in the UK.
10. To be an effective communicator over the phone.
11. To undertake such other duties as may be required within the general scope of the job.

Useful Skills

1. An understanding of thermodynamics and electro-mechanical control systems.

2. Basic fabrication skills, including welding, silver soldering and brazing.

Person specification

The successful candidate will, be enthusiastic, ambitious, able to work independently and as part of a team. Good attention to detail and ability to work to deadlines is essential.

It is expected that the successful candidate is educated to a degree level in a technical discipline or appropriate work experience.

Package and Benefits

Annual salary of £19,000 – £22,000 depending on qualifications and experience.

28 days holiday (including Bank Holidays), rising progressively to 33 days after 5 years' service.

Other

This job description may be subject to change, in consultation with the postholder, in response to new circumstances and employment will be subject to a probation period.