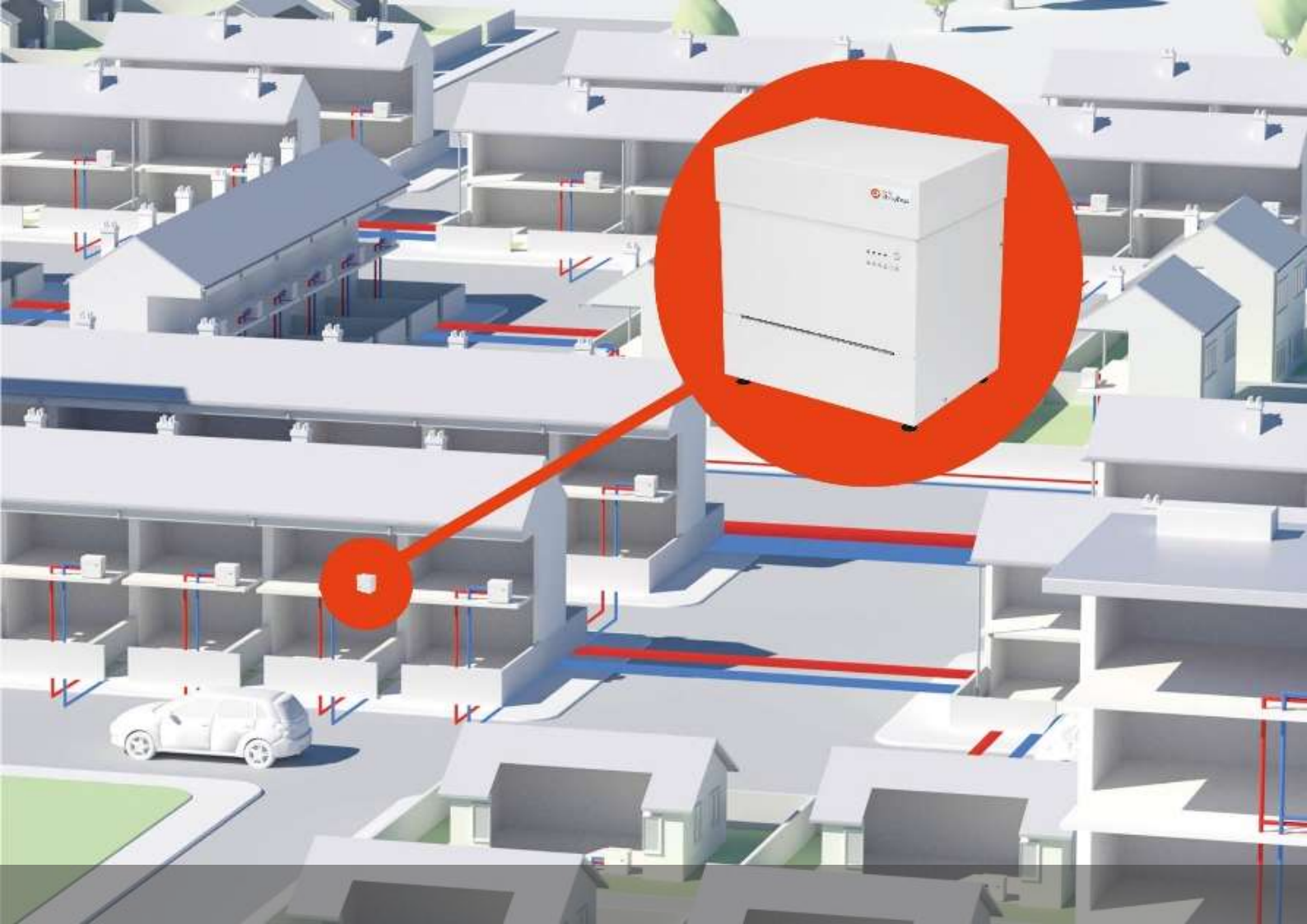




Kensa Heat Pumps

A KENSA GROUP COMPANY

MANUFACTURING ENGINEER



GENERAL SUMMARY

The Kensa Group represents award-winning British engineering at its finest - the UK's leading manufacturer of ground source heat pumps (Kensa Heat Pumps), and the UK's pioneer of their mass-scale installation (Kensa Contracting).

The Kensa Group is transforming how Britain's heat their homes, delivering a 21st century alternative to the gas grid. With over two decades of proven expertise in low carbon technology, we want to connect people in homes and businesses across the UK to cleaner, greener, and cheaper heat. Together, we will meet the UK's ambition to install 600,000 heat pumps every year by 2028 and be net zero by 2050.

ROLE OVERVIEW

The Manufacturing Engineer's role involves facilitating the smooth integration of new product developments into existing or new infrastructure. They act as a liaison between manufacturing and the product development team, ensuring a seamless transition to volume production. Responsibilities include optimising manufacturing processes, collaborating with stakeholders, and using various methods for efficient development-to-production handovers. Key responsibilities also include improving engineering processes, defining production requirements, and supporting technical queries and investigations.

Requirements for this role include relevant qualifications, a commitment to quality, and experience in NPI projects, along with strong communication and complex problem-solving skills. Performance is assessed through annual appraisals, and all employees have health and safety responsibilities.



ROLE BENEFITS

The Manufacturing Engineer role offers benefits such as fostering innovation, optimising manufacturing processes, improving efficiency, ensuring quality, promoting cross-functional collaboration, providing career growth opportunities, challenging problem-solving, contributing to safety, facilitating continuous learning, impacting company success, and offering personal satisfaction.

Kensa aims to be a great place to work. We want our passion for our business and our products to be shared by all of our team.

We're proud of what we achieve:

- saving the planet by reducing our customers' carbon footprint,
- helping people out of fuel poverty by reducing their electricity consumption.

It is important to us that our people share that pride and feel valued as they contribute to our shared success Kensa is growing fast, and we aim for our people to grow with us. We value hard work, commitment and excellence. We aim to be fair and supportive as an employer.

Pension: Automatic enrolment into Kensa's company pension scheme.

Holiday: 25 days holiday increasing to 30days holiday (plus bank holidays) for 5+ years' service.

Flexible working environment: We understand the benefits of flexible working conditions and accommodate where we can.

Social events: Work hard, play hard, we love to host regular Kensa parties for staff and their families, and in recent times when we haven't been able to get together in person, we do all we can to keep spirits high.

Growth: Your development is important - we encourage and help with development including internal and external courses, learning, study, and software support, all bespoke to you.

Wellbeing: Free 24/7 access to an independent and confidential Employee Assistance Programme for you and your immediate family.

Health: Private Health Insurance available after one year of service.

Active: Cycle to Work Scheme to help lower your carbon footprint whilst boosting endorphins and your health.



ROLE REQUIREMENTS

EXPERIENCE

Prior experience and a documented career path in efficiently managing NPI projects, optimising production processes, and driving innovation while adhering to quality and safety standards. Effective communication, teamwork, and the ability to interpret data are essential.

EDUCATION

Degree in Engineering, Science, Manufacturing (or related Technical NVQ).

CHARACTERISTICS

- Technical aptitude
- Problem Solving Skills
- Adaptability
- Attention to detail
- Strong Communication
- Leadership
- Innovative thinking
- Quality focused
- Customer focused
- Project management
- Regulatory awareness
- Team player

ESSENTIAL SKILLS

- Substantial and varied technical experience in manufacturing / process engineering
- Effective management and resolution of complex technical issues
- Strong "right first time" ethos
- Commitment to quality
- Clear and logical approach to problem-solving
- First-class approach to internal and external customer service
- Excellent communication skills

DESIRABLE SKILLS

- Heating and refrigeration experience would be beneficial.
- Safety qualifications or experience in health and safety, and risk assessment capabilities are desired traits for this role.

ROLE RESPONSIBILITIES

The responsibilities encompass:

- Collaborate with R&D Team to ensure final product designs are suitable for volume manufacture.
- Influence product design for improved DFA (Design for Assembly) DFM (Design for Manufacturing) and efficient labour utilisation.
- Design or adapt manufacturing processes from concept to production, ensuring parts and materials are fit for purpose with optimal throughput designed to meet our demand including the design and delivery of jigs and fixtures.
- Plan first production concepts using Production, Preparation, Process (3P).
- Elicit and define production requirements for manufacturing input into the business plan.
- Conduct risk analyses and process FMEAs for production.
- Elicit VM (Value Management) feedback on manufacturability of first prototypes.
- Ensure production site training is completed using work instructions.
- Complete draft production documentation.
- Support installation of new production equipment in compliance with standards.
- Define takt routings and kits.
- Complete first article release process for critical components/assemblies.
- Ensure final production documentation and Winman data are completed.
- Develop and implement new processes and manufacturing equipment for new products whilst supporting our culture of continuous improvement.
- Assist Production and Quality Assurance with technical queries and Continuous Improvement activities.
- Support document control and project administration.
- Aid in assembly quotes and other business areas as required.
- Improve Manufacturing Engineering processes and procedures.
- Identify and solve manufacturing process issues within project(s).
- Raise change documentation and support development of ERP (Enterprise Resource Planning) data for product introduction.
- Feed lessons learned back into the project team.

WORKBASE

This role is based in Truro.

REPORTING STRUCTURE

The Manufacturing Engineer reports directly to the Manufacturing Engineering Manager.

This job description and benefits may be subject to change, in consultation with the postholder, in response to new circumstances.

Kensa are an equal opportunities employer and are committed to providing a working environment that is free from all forms of discrimination and where all employees are treated with dignity and respect.

Please see our Equal Opportunity, Dignity and Diversity Policy for further information.

Apply online here:

thekensagroup.com/kensa-job-vacancies

Or send a CV and a covering letter to:

jobs@thekensagroup.com