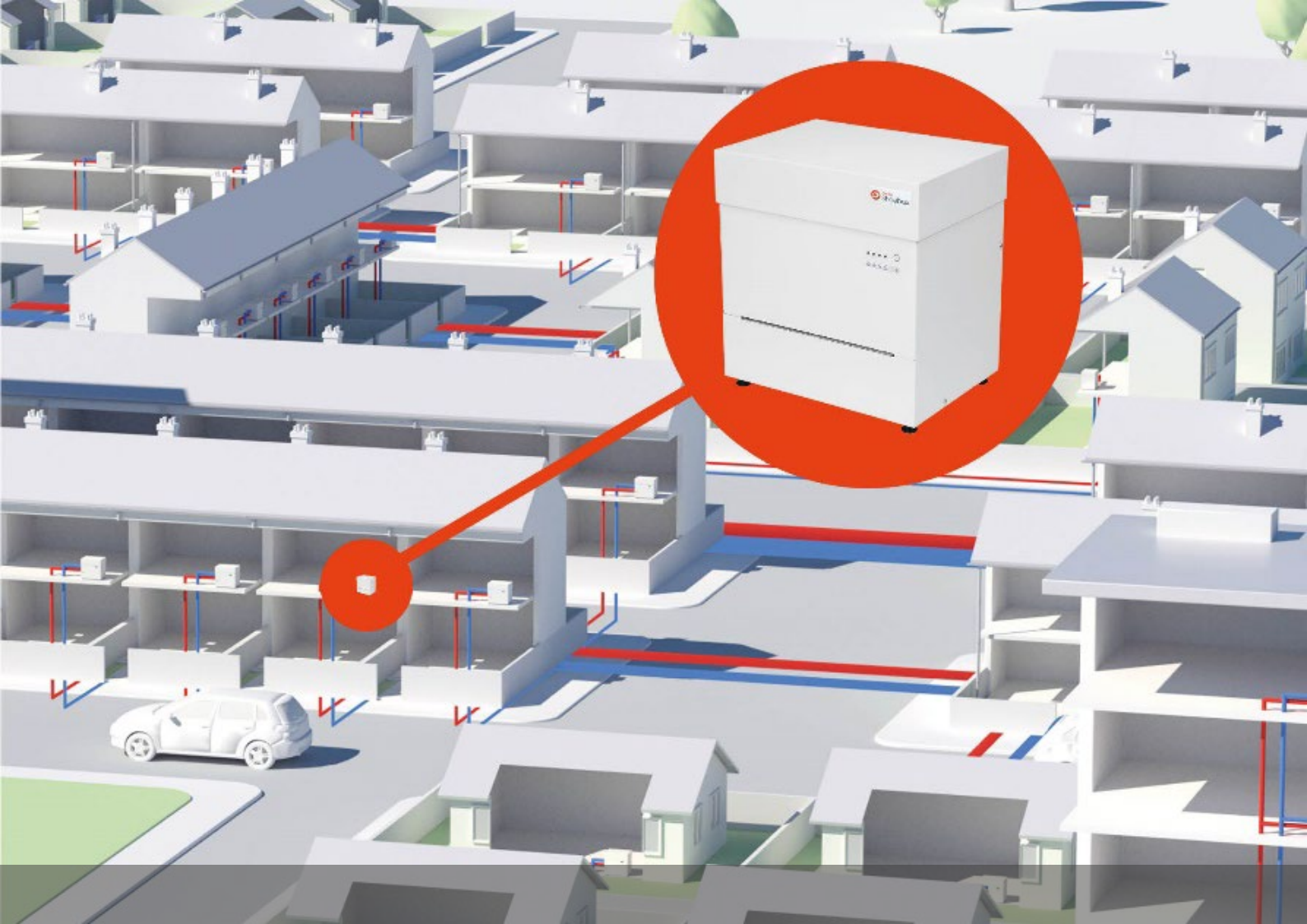


Intermediate  
Design Engineer  
(Non-Domestic)



# 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 Briton'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

As Intermediate Design Engineer, you will assist our Non-Domestic Design Engineer on HVAC designs for large-scale GSHP projects for both new-build and retrofit developments across a range of sectors including commercial, educational, and healthcare.

You will work with the commercial and delivery departments to drive the growing commercial GSHP installations business – assisting with the full life-cycle of commercial designs from client consultation, to M&E Design, and producing as-built records and O&M Packs.

This is a dynamic and varied role: candidates will demonstrate highly developed technical knowledge, high levels of conscientiousness, an eye for detail, the ability to assist on multiple design projects, and teamwork effectively.

Your success will expand Kensa Contracting's national reach - helping UK to achieve its net-zero carbon targets - while simultaneously resulting in a rewarding and inspiring career.



# ROLE BENEFITS

To facilitate your success as Intermediate Commercial Design Engineer, we will provide an innovation and achievement-oriented environment, a forum to express and test ideas, and interesting work with challenge and opportunity. We also offer the pivotal opportunity for you to make a significant contribution to the safeguarding of our environment, driving change where it is most needed.

We will welcome you to a culture of incredibly hard-working, knowledgeable, inspiring, committed, enthusiastic, and passionate people.

We expect a lot from our staff, because we expect a lot from our industry's potential – we are all committed to the UK's 2050 path to net zero carbon, and are determined to achieve that goal, but we also want to enjoy the journey together.

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**Competitive salary:** £33,600 - £39,200 OTE. Dependent on qualifications and experience.

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**Uncapped bonus scheme:** Company performance related pay plan with an OTE of 112% of base salary.

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

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

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**Flexible working environment:** We understand the benefits of flexible working conditions to meet the demands of your role, so we can accommodate a blend of working from home and office based.

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**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.

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**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.

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

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

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

# ROLE REQUIREMENTS



This is a role for a highly proactive, meticulous and conscientious Intermediate Design Engineer within the KCL Design Department. Significant opportunity for career progression is foreseen for a candidate with an active interest in de-carbonising heating systems across a range of sectors.

Candidates should have a good knowledge of wet heating systems within building services, with a working knowledge of Electrical Installations a key advantage.

## Experience, Skills, and Qualifications

- You will have a good knowledge of HVAC componentry and instrumentation and the ability to leverage this in your design
- A developed understanding of building physics
- Experience using relevant software packages such as AutoCAD, Revit, HevaComp
- Relevant Engineering Degree qualification
- Working knowledge of GSHP Systems
- At least 2 years experience in a similar role
- You will have a sound understanding of engineering principles
- Ability to work with clients, suppliers and specialist subcontractors to create working controls specifications
- Exceptional interpersonal skills

## Key Behaviours

- To build a comprehensive knowledge of Kensa products and to keep updated with changes in product design and application.
- To interact with clients in a calm, non-confrontational and courteous manner.
- To take responsibility for ensuring follow-up actions are taken and full information is recorded.
- To undertake training and to assist in training other members of staff as required.
- To actively and positively contribute to any appraisal process and to follow up agreed actions.
- To remain a positive ambassador of Kensa at all times
- To work at all times in accordance with the Health & Safety at Work Act 1974 and to follow all company procedures and guidelines.
- To work at all times in accordance with the company's Dignity & Diversity at Work Policy.
- To undertake such other duties as may be required within the general scope of the job.

# ROLE RESPONSIBILITIES

- To assist client consultation and assist clients in creating a clear design brief
- To analyse and ensure that client M&E Specifications and ERs are met
- To gather construction information for existing or planned properties using a variety of resources including architects' plans, client consultation and direct surveys.
- To create and develop functioning P&IDs in AutoCAD
- To produce and develop design, construction and as-fitted drawings for mechanical and electrical services, external ground-arrays, site access, and infrastructure, in AutoCAD
- Assess existing HVAC installations and tailor design proposals accordingly
- Perform technical review of HVAC designs
- Coordinate surveyors and third-party design consultants, reviewing work and ensuring that this is technically correct and meets Kensa's requirements
- Perform relevant heating/cooling calculations as required
- Prepare equipment schedules, produce and contribute towards mechanical and electrical specifications for GSHP installations and associated plant and equipment
- Undertake and compile technical requisitions and specifications for GSHP heating/cooling systems and HVAC equipment such as fan coil units, air handling units
- Prepare controls and BMS work scopes
- Ensure CDM 2015 compliance of design projects
- Reporting to the Commercial Design Engineer.
- Responsible for nil staff initially.

## WORKBASE

This role offers flexible working, with the potential to work from home, in Kensa's offices in Exeter and Leeds. Occasional site visits/surveys are required, as is availability for client meetings on location, if requested.

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](https://thekensagroup.com/kensa-job-vacancies)**

**OR SEND A CV AND A COVERING LETTER TO:**

**[jobs@thekensagroup.com](mailto:jobs@thekensagroup.com)**