

# come and work with us



## **Mechanical Engineer**

Here within the Anglian Water @one Alliance, we are a totally collaborative organisation made up of our seven partner companies (Anglian Water, Balfour Beatty, Barhale, MMB, MWH Treatment, Skanska and SWECO) and our extended supply chain, delivering over half of Anglian Water's capital investment programme.

Now working in the latest Asset Management Period, known as AMP 7, we are working towards delivering an approximate £1.8bn programme of work until 2025. Are you ready to join us as we aim to deliver the most exciting and innovative AMP we have ever seen? Working on a host of water and water recycling projects across the region to keep the water running, our Engineering team is made up of a diverse and enthusiastic workforce who look to deliver industry-leading solutions in a timely and safe fashion.

To bolster our mechanical engineering capabilities and provide fresh ideas and perspective on our ways of working, we are looking for a number of Mechanical Engineer to join the team over the course of the next year!

## **What you will be doing as our new Mechanical Engineer?**

Working within a multi-disciplinary project team, you'll provide the mechanical engineering technical capability and design expertise to develop and deliver water and water recycling TOTEX solutions.

### **Responsibilities:**

- Lead the preparation and analysis of key mechanical options, for review and agreement with the client and key project stakeholders ensuring risks and gaps are mitigated whilst always upholding the Project Basis of Design
- Design calculations facilitating the sizing of mechanical, hydraulic, power generating and building services equipment.
- Liaise with the supply chain to ensure the latest technologies are assessed and understood as part of the optioneering process.
- Collaborate with the design team to develop 3D models and solutions.
- Oversee the outputs for a number of processes including P&IDs and Datasheets. HAZID and HAZOP studies and mechanical input into commissioning plans, including proposed performance tests.
- Support the team in the drive towards excellence in Health and safety, demonstrating applied knowledge and skills to produce safe designs to discharge your obligation according to CDM Regulations and standards.
- Identify and promote opportunities to meet the project's digital, sustainability, innovation and people objectives.

### **A little bit about your skills, experience, and behaviours....**

To join us on our quest for consistent engineering excellence, you'll hold a minimum of an HND or equivalent in a mechanical engineering discipline and have extensive practical mechanical design experience in a similar environment. With a proven track record of designing hydraulic and mechanical systems and products, you'll also possess a good understanding of modular build and construction processes and procedures. Your broad knowledge of electrical control, instrumentation and switchgear equipment and suppliers will allow you to make value-added suggestions and make informed decisions on how to best proceed in complex situations.

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Working in a collaborative and integrated way, you'll be acutely aware of how your work and actions impact not only your colleagues but also our customers across the region. Always Working with accountability and integrity, you'll take personal responsibility but also showcase strong teamwork skills to assist in meeting project timelines. Always willing to safely try new approaches and processes, you'll enjoy utilising new technologies where possible to drive efficiencies.

If you are looking to bring your mechanical engineering expertise in a dynamic environment where you can truly add value, please apply today!

## **How to apply:**

[careers@barhale.co.uk](mailto:careers@barhale.co.uk)