



<p><b>Business area:</b> Infrastructure</p>
<p><b>Requirements:</b> Minimum 2.2 Masters or MEng Degree in a relevant subject</p>
<p><b>Our teams and what they do</b></p> <p><b>Building Services</b></p> <p>A building at its simplest consists of the structure and the architecture that results in a shell waiting to be occupied. Our Building Services team makes a building comfortable and safe to occupy through sustainable engineering solutions that help buildings achieve their NetZero aspirations from their early stages, whether that is providing comfort in the form of heating, ventilation, and air conditioning (HVAC) systems, power, and lighting, or ensuring it is safe to occupy through fire safety and security design. Our capabilities include Electrical and Mechanical engineering, Public Health, Sustainability, Building Physics, Fire and Security, Building Energy Management Systems, IT and Vertical Transportation.</p> <p>With a Master's degree in mechanical engineering, you'll develop your skills working on a range of unique &amp; different projects. Collaborating with a diverse range of people to deliver world-class projects for our clients, you'll carry out building services system design from concept design through to construction. You'll be working using cutting edge digitally enabled design processes to produce holistic yet practical solutions. There will also be the opportunity to get involved with applied research and digital development to help create user-centric buildings and places. You'll have the opportunity to develop the broad range of skills set out by the Engineering Council, working towards the competencies required for Chartership with a professional body alongside one of our experienced engineers who will serve as your chartership mentor. Some of which include innovative engineering solutions, technical analysis, preparing reports and contract documents, technical and commercial leadership whilst engaging with clients and project management.</p> <p><b>Locations</b></p> <ul style="list-style-type: none"> <li>• Bristol</li> <li>• Epsom</li> <li>• Glasgow</li> <li>• Leeds</li> <li>• London</li> <li>• Warrington</li> </ul>
<p><b>Design and Advanced Technology - *Water (MEP)</b></p> <p>As a Graduate Engineer within our Mechanical, Electrical and Process Engineering (MEP) team, you will help to support our clients across the Water sector in the UK and internationally.</p> <p>Our MEP team provides mechanical, electrical, ICA (instrumentation, control and automation) and process engineering skills and expertise to water companies, supporting their capital (both new build and refurbishment) and operational (problem solving on existing sites) projects and programmes.</p> <p>With a Master's degree in mechanical engineering, you'll get the opportunity to develop your capability in a wide range of exciting projects including; water and wastewater treatment, sludge treatment, pumping stations, pipelines, electrical control systems, cooling water systems and computer aided design (CAD). Water, both clean and dirty, is a critical resource needing careful management and you could play a key part in this!</p>

Key activities will include:

- Working within multidisciplinary teams to produce feasibility, outline and detailed design work for water industry projects
- Working with and developing technical drawings
- Development of design solutions for clean and wastewater applications
- Technical report writing

**Locations**

- Belfast
- Bristol
- Derby
- Epsom
- Glasgow
- Peterborough
- Warrington

**Design and Advanced Technology – \*Structural Dynamics**

Our team creates all kinds of infrastructure, from power stations to pipelines, water treatment works to airports. Our people plan, design, and oversee construction on projects of sizes large and small, in the UK and internationally. We enjoy a variety of work with clients across sectors including energy, water, cities and development, aviation, and defence. Joining our team, you might plan the complex construction for a nuclear power station or airport, help to tackle pollution with innovative wastewater treatment and sustainable drainage systems, design residential and commercial urban development schemes, or deliver essential drinking water systems to communities, making a positive impact to people’s lives. You’ll be supported to develop general civil or mechanical engineering skills in utilities, buildings and structures, enabling works and construction, giving you the flexibility to work across various industries in multidisciplinary project teams. Our team is represented in specialist areas too, including structural dynamics, seismic analysis, and blast and impact design, providing a depth of knowledge to learn from.

**Locations**

- Epsom
- London

\*For the Design and Advanced Technology team please reference the specialist area (Water OR Structural Dynamics) that interests you in your application form.

**To apply, please return to the main job specification**