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INNOVATORS

ATKINS

Member of the SNC-Lavalin Group



Business area: Infrastructure

Requirements: On track to achieve a minimum of a 2.2 Master's or MEng Degree in a Mechanical Engineering discipline

Our teams and what they do

Design and Advanced Technology - Water

Industrial year placement locations: Birmingham

Summer placement locations: Belfast, Birmingham, Epsom (Surrey), Leeds

As a Mechanical Engineering Placement Student within our Design and Advanced Technology Water team you'll help to support our clients across the Water sector in the UK and internationally. Our team provides Civil, 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.

You'll get the opportunity to develop your capability in a wide range of exciting projects, with a focus on water and wastewater treatment, sludge treatment, and bioresource recovery from Anaerobic Digestion (AD). Water, both clean and dirty, is a critical asset needing careful management and you could play a key part in this!

Key activities include:

- Working within multidisciplinary teams to produce feasibility studies and outline designs through to detailed design work for water industry projects
- Working with and developing process tools such as mass balances and process flow diagrams
- Development of design solutions for clean and wastewater applications, as well as reviewing the performance of existing processes at treatment sites
- Collaborating with clients to understand and help them achieve their carbon and net zero ambitions
- Technical report writing
- Strategic planning to provide long-term innovative solutions for clients

To apply, please return to the main job specification