

## Mechanical, Electrical and Process Engineering (MEP) Job Description

### Job Summary

Atkins is looking to recruit an enthusiastic, talented Graduate Mechanical Engineer and a Graduate Process (Chemical) Engineer into the Mechanical, Electrical & Process Engineering (MEP) team, part of our Water Operations business. The Mechanical role is based in our **Peterborough** office while the Process role is based in our **Bristol** office. These roles join a dynamic, highly motivated business based at eight locations around the UK which works closely together as one team.

### What is MEP?

MEP provides mechanical, electrical, ICA (instrumentation, control and automation) and process engineering skills and expertise to water companies in the UK and overseas, supporting their capital (both new build and refurbishment) and operational (problem solving on existing sites) projects and programmes. Atkins is a multidisciplinary consultancy and this means MEP can tap into markets such as nuclear, highways and transport, oil and gas and rail using existing client relationships. This provides a variety of work opportunities although our core work remains in the water sector.

Our consultancy skills span the water cycle and management of the whole asset life cycle. Our staff are mainly engineers and scientists with capability in wastewater treatment, water treatment, sludge treatment, pumping stations, pipelines, electrical control systems, cooling water systems and computer aided design (CAD). We can take a project from its earliest inception and master planning through to full construction support and commissioning supervision. Water, both clean and dirty, is a critical resource needing careful management and we as engineers play a key part in this management.

Our core business in the UK is heavily regulated and we work closely with our clients to help meet the demands placed on them to make it an efficient and effective industry, providing solutions steeped in value, technical excellence and class-leading health, safety and environmental leadership. You would be joining a sector that will never lose its importance and if anything will likely be more critical in the future as Water becomes a scarce resource and new technologies such as desalination become more heavily utilised, not just in drier parts of the world but more widely across the globe.

### Requirements

Candidates should hold or be expected to achieve a degree classification of 2.1 or above at undergraduate level in Mechanical or Process (eg chemical engineering) Engineering. Ideally the degree will be up to Masters level for Mechanical candidates to allow easy progression to chartership with the Institute of Mechanical Engineers.

**Using the information given in this job description please provide us with any information on relevant degree modules when completing the application form.**

### The Individual

- The drive and self motivation to achieve chartered status and to continuously develop your technical & behavioural skills
- Ability to apply technical knowledge in analysing problems and creating solutions
- Ability to work and communicate effectively with multidisciplinary teams
- Excellent verbal and written communication skills
- Ability to work on your own initiative and be proactive
- Flexible approach to work, and ability to prioritise and manage your time effectively
- Strong attention to detail and ability to make correct judgements