

Senior / Principal Acoustic Engineer

Location/s: Bristol, UK / Southampton, UK / Croydon, UK / London, UK / Cambridge, UK / Altrincham, UK

We're a global engineering, management, and development consultancy. Our purpose is to improve society by considering social outcomes in everything we do, relentlessly focusing on excellence and digital innovation, transforming our clients' businesses, our communities and employee opportunities. A fundamental part of this is respecting each person's differences and striving to meet their needs.

Overview of role:

We are looking for an experienced individual who wants to develop their career by joining our growing acoustics team and to contribute to some of the most exciting buildings, highways and transportation infrastructure projects in the UK. The successful candidate will be required to lead teams working on:

- Calculation, prediction and assessment of noise and vibration associated with transportation, power and energy, utilities, buildings, civil engineering construction, industrial sites and maintenance operations
- Directing and undertaking noise and vibration measurement surveys
- Calculation and assessment of buildings acoustics
- Preparation of noise input to environmental assessments
- Preparation of reports, supervision of junior staff, business development activities, and project management

Your experience/qualifications are expected to include:

- Degree or similar in acoustics/vibration related field with demonstrable commitment to CPD
- Proven technical ability in terms of problem solving and analytical thinking
- Ability to manage time, resources and projects effectively
- Full membership of the IOA and CEng status (or working towards)
- Extensive knowledge of transport environmental and/or buildings acoustics
- Willing and able to work within team environment and involve others where necessary
- Supervision and mentoring of junior staff, experience in developing relationships with clients
- Ability to write technical reports

Essential -

- Acoustic modelling (e.g. CadnaA), noise surveys, report writing, use of MS Word and Excel, Use of GIS software
- Presentation of complex acoustic issues to non-specialists at project and client meetings and workshops
- Willingness to travel

Desirable -

- Experience in the measurement and analysis of structural and ground-borne vibration
- Previous use and/or current skills in the use of CATT acoustic modelling software (or similar)
- Previous use and/or current skills in the use of AEDT acoustic modelling software (or similar) Familiarity with DMRB, CRTN, CRN and British and ISO acoustics standards and UK planning policy and guidance

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