

## **Acoustics Engineer**

Acoustics affects many aspects of our daily lives, including the comfort and performance of buildings for education, healthcare, arts, business or residential. Mott MacDonald helps clients manage acoustics, noise and vibration in their buildings in the residential, commercial, transport, education and health, municipal, sports and leisure and performing arts sectors. We also undertake noise and vibration impact assessment for transportation schemes such as road and rail.

Our services include:

- Modelling, prediction, investigation and design services to minimise noise and vibration
- Assessment and appraisal of infrastructure schemes at all stages
- Facade design to control external noise intrusion
- Sound insulation design to achieve client's privacy requirements
- Architectural acoustic design to optimise acoustic comfort
- Electro-acoustic design to enhance intelligibility of life safety communication systems

We also assist with all stages of the procurement process: encompassing initial concept, design delivery, planning, procurement and construction, assessment and mitigation of noise and vibration in new build and refurbishment, remedial works and expert witness.

We are now embarking on a period of growth for our acoustics team, and require an experienced acoustic engineer to work in either our Bristol, Croydon or Birmingham office You will be collaborating with a large team of talented acoustic engineers working on a wide array of projects mainly in the UK; some may have an international focus. We focus on career development and look to develop our employee's abilities and skills.

### **You will be required to undertake:**

- Calculation, prediction and assessment of noise from sources such as railways, roads, power & energy projects and construction
- Noise and vibration measurement surveys
- Mitigation of noise and vibration from operational infrastructure and from construction and industrial sites
- Prediction, measurement and assessment of acoustics within buildings
- Preparation of noise input to environmental assessments
- Preparation of reports
- Good communications with other team members, other disciplines and stakeholders.

### **For this role you should have a strong combination of the following:**

- Degree or similar in acoustics/vibration related field
- Proven technical ability in terms of problem solving and analytical thinking
- Ability to manage time and resources effectively
- Associate or full membership of the Institute of Acoustics
- Working in an engineering consultancy or research
- Experience in transport, industrial and/or buildings acoustics multi-disciplinary environment
- Commitment to CPD
- Working towards IEng Accreditation

- Willing and able to work within team environment and involve others where necessary
- Experience in developing relationships with colleagues and clients
- Able to contribute to technical reports including accurate reporting of surveys
- Understanding of acoustic modelling, calculations, surveys, report writing, use of MS Word and Excel
- Driving licence

If you are interested in applying for this role please go to the following link

**Bristol**

[https://jobs.brassring.com/1033/ASP/TG/cim\\_jobdetail.asp?partnerid=25141&siteid=5169&Areq=47062BR](https://jobs.brassring.com/1033/ASP/TG/cim_jobdetail.asp?partnerid=25141&siteid=5169&Areq=47062BR)

**Croydon**

[https://jobs.brassring.com/1033/ASP/TG/cim\\_jobdetail.asp?partnerid=25141&siteid=5169&Areq=47061BR](https://jobs.brassring.com/1033/ASP/TG/cim_jobdetail.asp?partnerid=25141&siteid=5169&Areq=47061BR)