

Acoustics Engineer – Sydney Melbourne & Adelaide

Acoustics affects many aspects of our daily lives, 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 noise and vibration impact of infrastructure schemes at all stages
- Facade design to control external noise intrusion
- Architectural acoustic design to optimise acoustic comfort
- Electro-acoustic design to enhance intelligibility of life safety communication systems

We are an equal opportunity employer and value diversity at our company. We do not discriminate, and take positive steps to create an inclusive culture.

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 ANZ as part of our wider Building Sciences sector. We are looking for Acoustics Engineers in Adelaide, Melbourne and Sydney.

What you will be doing:

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

What we are looking for:

- Degree or similar in acoustics/vibration related field
- Proven technical ability in terms of problem solving and analytical thinking
- Software capability using Soundplan, EASE, INSUL
- Ability to manage time, resources and projects effectively
- Transport and/or buildings acoustics experience ideally in Rail and Roads
- Willing and able to work within team environment and involve others where necessary
- Supervision and mentoring of junior staff
- Experience in developing and managing relationships with clients
- Ability to write technical reports
- Essential competencies / skills:
- Acoustic modelling
- Noise surveys

- Report writing
- Use of MS Word and Excel
- Presentation of complex acoustic issues to non-specialists at project and client meetings and workshops
- Driving licence
- Desirable competencies / skills:
- Use of GIS software
- Public exhibition/inquiry/expert witness
- Familiar with acoustic requirements of complex building projects
- Understanding of project management requirements in a multi-disciplinary consultancy

The position will suit 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 ANZ.

Please contact Sheira Schoeman at Mott MacDonald for further information.

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