

Matt Moyle

Matt has approximately 13 years experience practising as a mechatronics engineer. Experienced with vibration and industrial workplaces, Matt moved into the field of acoustics 7 years ago and has worked on numerous projects in Western Australia. This work has covered many fields such as industrial, occupational health, mining, construction, transportation and architectural. The assessments have included plant noise measurement, predictive modelling (using software such as *SoundPlan*), source identification and noise control design.



Matt is always keen for a challenge and prides himself on going above and beyond for his clients.

Qualifications

Matt's **qualifications** and **professional memberships** are:

- Bachelor of Engineering (Mechatronics) degree with Honours from the University of Adelaide (2006);
- Member of the Australian Acoustical Society;
- Approved Noise Officer;
- Institute of Engineers Australia.

Recent Projects

- ❑ **Northlink** - On site measurement coordination and noise wall design and assessment as part of the Perth-Darwin National Highway - Northlink Projects (Stages 1, 2 and 3). Matthew was involved closely with the project teams to deliver effective noise wall design outcomes for the client.
- ❑ **Mitchell Freeway Widening (Cedric St to Vincent St)** - This study required measurement of existing transportation noise levels and modelling to assess against relevant criteria and provide mitigation advice pre-tender phase.
- ❑ **New Lord Street** - Coordination of construction noise and vibration monitoring for CPB during the road construction phase of the project. This involved liaising with site supervisors and implementing a remote cloud-based monitoring program that could respond quickly to urgent requirements and complaints.
- ❑ **Best Practice Noise and Vibration Mitigation Measures: Freight and Logistics Council of Western Australia.** This project required the assessment of noise as freight trains traversed a section of track near residential development. Matt developed, prepared and implemented a series of noise and vibration measurements at key residential properties for use in the analysis. This work required key communication and timing to enable a smooth deployment of equipment amongst the community.
- ❑ **Presentations at Community Events:** Matt has undertaken several technical presentations for Mainroads WA infrastructure projects, including NorthLink Stages 1 and 2. These presentations were part of community reference group sessions and provided an insight into noise modeling best practice and design procedure.