

Matt Moyle

Matt has approximately 9 years experience, practising as a mechatronics engineer. Experienced with vibration and industrial workplaces, Matt moved into the field of acoustics 3 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 programmes 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

- ❑ **Innaloo Shopping Centre** - Noise modelling in relation to mechanical services and loading dock noise for the proposed expansion. Whilst the mechanical services noise control was reasonably straight forward, the loading dock noise required close liaison with the design team to find a solution that was both acoustically and operationally acceptable.
- ❑ **Port Hedland Rail and Port Measurements** - As part of annual noise compliance, provision of equipment to enable monitoring of environmental noise impacts of rail and port operations for Fortescue Metals Group. The scope of the annual testing includes on site deployment of noise logging equipment, manual measurements of specific plant areas and reporting to satisfy regulatory requirements.
- ❑ **Perth Airport Foodbank Warehouse** - Included an assessment of site locality with reference to airport noise contours. Calculated runway noise impact to interior areas of proposed building and recommended building treatments for architects.
- ❑ **Karara Mining Geraldton** - Included on site noise measurements of existing operations, as part of a preliminary occupational health assessment.
- ❑ **Great Eastern Highway** - Included on site measurements and reporting of night works noise levels as part of a noise management plan.
- ❑ **Mineral Sands Mining Operations** - Equipping mineral sand mining operations in remote areas with logging systems to satisfy noise management plans. Commitment to regular maintenance and reporting of noise equipment on behalf of the client.