

TIM COLLINS



ENGINEER

AREAS OF EXPERIENCE

- Construction Noise & Vibration Monitoring
- Rail Noise & Vibration Control
- Attended Noise & Vibration Measurements
- Geographic Information Systems
- Noise Modelling (Predictor, CadnaA)
- Odour and VOC Measurements

QUALIFICATIONS

- Bachelor of Mechanical Engineering (UNSW)

OH&S / SAFETY

- OH&S Construction White Card
- Odour Sensitivity Screening in accordance with AS4323.3-2001

EMPLOYMENT HISTORY

- Mar 2015 – Present Engineer, Wilkinson Murray

PROFILE

Tim has a Bachelor of Mechanical Engineering from the University of New South Wales (UNSW).

Since joining Wilkinson Murray as an Engineer in March 2015, Tim has been involved in a range of projects, including unattended and attended monitoring for noise and vibration, rail noise and vibration control design and construction noise control.

Some of the projects Tim has worked on are shown overleaf.

INDUSTRIAL/CONSTRUCTION NOISE

- NorthConnex – Temporary Construction Compound Noise Analysis and Mitigation
- NorthConnex Acoustic Shed Design for Northern, Southern, Trelawney and Wilson Temporary Construction Compounds
- NorthConnex Temporary Construction Ventilation Noise Mitigation for Northern, Southern, Trelawney and Wilson Temporary Construction Compounds
- Western Sydney Airport – Construction Noise Predictions
- Western Sydney Airport – Assessment of Ground-Based Noise
- Barangaroo Basement Mechanical Services
- Chifley Tower Mechanical Services
- Kariong to Somersby Widening – Ancillary Facility Construction Noise Assessment
- Yennora Distribution Centre – Attended Noise Measurements
- PKCT Compliance Measurements

TRANSPORT NOISE

- Doha Metro – Independent Validation of Groundborne Noise & Vibration
- Western Sydney Airport – Ground Operations Noise Modelling
- Frederickton to Eungai – Pacific Highway Upgrade Compliance Monitoring
- Gerringong Upgrade Compliance Monitoring
- ALDI Noise Monitoring & Truck Modelling
- M1 Upgrade Tuggerah to Doyalson

VIBRATION

- St George Hospital – Sensitive Equipment Vibration Measurement
- Holsworthy Car Park – Assessment of existing vibration levels
- 128 Military Road – Building Damage
- Peters of Kensington – Building Damage
- Baal Bone Colliery – Vibration & Overpressure measurements during explosives testing

AIR QUALITY

- St George Hospital Dust Monitoring
- Barangaroo South Stage 1B – unattended dust (PM10) monitoring and attended odour and VOC measurements