

CURRICULUM VITAE



MIGUEL DE LA MATA

DIRECTOR – ACOUSTICS



EDUCATION

MSc	2007	Master of Design Science (Audio & Acoustics)
Dip	2008	Graduate Diploma in Project Management
BSc	2003	Bachelor of Engineering (Electronics)

FIELDS OF EXPERTISE

- Environmental Noise and Vibration Assessment
- Entertainment Noise
- Industrial Noise and Vibration
- Architectural and Building Acoustics
- Transportation Noise and Vibration
- Noise and Vibration Monitoring
- Noise Modelling

Miguel has 11 years of experience in the field of acoustics with diversity across industries, including transport infrastructure, mining, oil & gas, residential and commercial building, entertainment and performance arts. Miguel's experience in acoustics comprises environmental assessment, architectural acoustics and building services design.

Miguel has worked in projects of various scales, from small urban developments in Australia to large-scale infrastructure projects in Indonesia. He is capable of identifying project constraints and requirements in early conceptual stages and anticipate to potential issues. Experience in NSW, QLD, NT, WA, VIC, TAS and Indonesia gives Miguel a good understanding of approvals' processes and common practices Australia-wide.

More in depth, Miguel has a high skill level of noise modelling and monitoring planning and analysis, allowing him to interpret and predict potential impacts from complex scenarios.

Miguel's interpersonal skills have been successful in the role of consultant over the years, with resolved negotiation approach and pragmatism when needed, to achieve balanced, realistic and feasible solutions. He has been responsible of delivering acoustic assessments for entire mining projects, transport infrastructure plans, quarries, LNG plants, coal seam gas infrastructure, electric generation, transmission and distribution facilities, underground bus stations, industrial precincts, large entertainment precincts, heritage listed refurbishments and several residential and commercial developments.

PROJECT EXPERIENCE

Residential and Mixed-use Developments

Glass House, South Perth – Designed to be one of the tallest residential towers in Perth. Road traffic noise modelling impact study, building acoustics, mechanical services and environmental DA approvals.

High rise residential. 36-40 Riversdale Rd, Rivervale

Residential complex (3 high-rise buildings), corner of Davy St and Marmion St, Booragoon.

High-rise mixed-use development. 86-90 Mill Point Rd, South Perth – 32 storey building, luxury tower.

Lumiere, Mill Point Road, South Perth – High-rise residential development.

108 Bennett St, East Perth.

Latitude Leighton Beach Apartments, North Fremantle.



<p>Commercial Development and Fitouts</p>	<p>Google Sydney HQ Office Refresh – Mechanical services noise assessment and mitigation.</p> <p>ATCO Gas new Jandakot offices building services, fitout acoustic design, construction inspection and commissioning testing.</p> <p>Bethanie Head Office – Development Application acoustic assessment, fitout and mechanical services noise assessment.</p> <p>Arc Infrastructure Offices – Fit out acoustics advice.</p> <p>Alex Hotel, Northbridge WA – Noise intrusion monitoring</p> <p>Elizabeth Quay Lots 9, 10 – DA noise assessment. Curtain wall façade desktop review of windows and elements.</p> <p>Kings Hotel Redevelopment, Perth CBD – Building acoustics design</p>
<p>Entertainment Noise / Hospitality Venues</p>	<p>Si Paradiso. 446 Beaufort St, Highgate – Noise assessment and noise management plan.</p> <p>Raffles Hotel – Noise assessment and management</p> <p>Café – 471 Beaufort St, Mt Lawley, approvals and acoustic design</p> <p>Small Bar – 642 Beaufort St, Mt Lawley. Approvals and acoustic design.</p> <p>Zanzibar. Newtown, Sydney NSW – Noise modelling and assessment</p> <p>Aurora Hotel. Surrey Hills, Sydney NSW – Noise modelling and assessment</p> <p>The Civic Hotel. Sydney NSW – Noise monitoring and management</p> <p>The Marlborough Hotel. Newtown, Sydney NSW – Noise monitoring and management</p> <p>Ippudo Restaurant, Kings Square Perth – Fitout, mechanical services noise assessment</p> <p>Rough Love Electronic Music Event, McCallum Park Victoria Park. Outdoor monitoring and assessment.</p> <p>Big Day Out Sydney 2010 NSW – Noise monitoring and management.</p>
<p>Hospitals & Healthcare</p>	<p>King Edward Memorial Hospital – New MRI module, building acoustics design and fitout.</p> <p>St John Ambulance HQ - St Johns Ambulance Depot Kelmscott – Environmental noise assessment and building acoustics design.</p> <p>Esperance Health Campus – Internal fitout and mechanical services noise assessment.</p> <p>Palmyra Anthony St Medical Centre – Fitout.</p>
<p>Education</p>	<p>University of Western Australia – Accommodation village Development Application and acoustic assessment</p> <p>University of Western Australia, Health Sciences – Laboratory equipment vibration sensitivity assessment.</p> <p>Curtin University – Laboratory equipment vibration sensitivity assessment.</p> <p>St Hilda’s Anglican School – Refurbishment acoustic design inspection</p> <p>Aubin Grove Primary School – Classroom mechanical services measurements and assessment</p>



<p>Oil & Gas</p>	<p>INPEX – Ichthys accommodation village, construction noise assessment and monitoring.</p> <p>INPEX – Ichthys onshore LNG Project Noise Monitoring Darwin, NT. Miguel managed a noise-monitoring plan during the construction of an LNG plant and associated accommodation camp in Darwin. The noise-monitoring network comprised four permanent noise-logging stations accessed remotely to ensure compliance of the NT noise criterion at all times. Management of noise data, deployment of the required monitoring instrumentation, automation of data downloads, periodic data analyses and complaint response.</p> <p>Shell, Dampier WA – Noise monitoring and assessment during tankers fuel offloading events.</p> <p>Caltex. Kurnell Berthing Facility, Sydney – Construction noise environmental impact assessment.</p> <p>Arrow Energy - Coal seam gas project, exploration, Bowen pipeline and project approvals. Environmental Impact Assessment.</p> <p>BOC LNG Plant, Chinchilla QLD. Environmental impact assessment</p>
<p>Bars, Food & Beverage Venues</p>	<p>Si Paradiso. 446 Beaufort St, Highgate – Noise assessment and noise management plan.</p> <p>Raffles Hotel – Noise assessment and management</p> <p>Café – 471 Beaufort St, Mt Lawley, approvals and acoustic design</p> <p>Small Bar – 642 Beaufort St, Mt Lawley. Approvals and acoustic design.</p> <p>Zanzibar. Newtown, Sydney NSW – Noise modelling and assessment</p> <p>Aurora Hotel. Surrey Hills, Sydney NSW – Noise modelling and assessment</p> <p>The Civic Hotel. Sydney NSW – Noise monitoring and management</p> <p>The Marlborough Hotel. Newtown, Sydney NSW – Noise monitoring and management</p>
<p>Infrastructure Construction Noise and Vibration</p>	<p>Swan River Pedestrian Bridge – Construction noise prediction, management and monitoring.</p> <p>Forrestfield-Airport Link – Forrestfield Station out of hour’s construction noise management plan and approvals’ support.</p> <p>Perth Airport Control Tower – Construction noise and vibration monitoring from FAL project.</p> <p>Perth City Link Busport – Design and assessment of various components of this key infrastructure development in Perth city. Internal acoustics design, traffic noise impact, mechanical services assessment and detailed predictions of new Wellington Street tunnel entry to the Busport.</p> <p>Western Power – Pole replacement and maintenance activities’ noise management applications.</p> <p>East Arm Wharf, Darwin NT. Masterplan noise study.</p> <p>Port of Melbourne, VIC –Expansion assessment. Noise prediction and assessment.</p> <p>Port of Brisbane Motorway expansion, modelling and barrier design.</p>
<p>Transport Infrastructure</p>	<p>New Perth Stadium Transport Infrastructure, commissioning monitoring and assessment.</p> <p>Perth Metropolitan Freight Railway Noise and Vibration Studies.</p> <p>Thornlie Passanger Rail Line Extension. Noise and vibration assessment.</p> <p>East Perth Station – Construction noise management.</p> <p>Nicholson Road Station, WA. Concept design, noise and vibration assessment.</p> <p>Railcar PTA Depot, Perth – Nowergup, Mandurah and Claisebrook railcar depots noise management plan.</p> <p>Brisbane Legacy Way twin tunnel and motorway noise modelling.</p>



Mining

Alpha Coal Mine, QLD – Environmental impact statement. Baseline study, noise prediction and assessment.

Kevin’s Corner Mine, QLD – Environmental impact statement. Baseline study, noise prediction and assessment.

Lenton Coal, QLD – Environmental impact statement. Baseline study, noise prediction and assessment.

MMG Rosebery Annual Noise Monitoring, TAS – Data analysis and interpretation of annual noise data collected and assessment of noise complaint events.

Holcim Sand Quarry Expansion. Baldivis, WA – Noise modelling, assessment and liaison with DER.

Power Sector

Maitland Substation, NSW – Noise impact assessment of a proposed zone substation.

AGL Dalton Power Station Environmental Impact Statement, NSW – Review of the proposed power station turbine noise. Noise prediction of assessment.

Copperstring Transmission Line Project, QLD – Noise impact assessment. Baseline noise monitoring at key location, construction noise predictions and assessment.

MEMBERSHIPS

Australian Acoustical Society

Member (MAAS) since 2011.

Institution of Engineers Australia

Member, MIEAust since 2011.

