

**Curriculum Vitae
SEBASTIAN GIGLIO**



BEng (Hons) Mech

Position Associate, Wilkinson Murray

Qualifications & Affiliations

- Bachelor of Mechanical Engineering (Honours)
- Graduate Member of the Institute of Engineers Australia

Special Expertise

- Building and Architectural Acoustics, including residential, commercial and studios
- Environmental Noise, particularly road, railway and aircraft

Employment History

1990 – 1991 Project Engineer, Vipac Engineers & Scientists Pty Ltd (Sydney and Adelaide)

1991 – 1993 Project Engineer, Renzo Tonin & Associates Pty Ltd (Sydney)

1993 – 1996 Acoustical Engineer, Peter R Knowland & Associates Pty Ltd (Sydney)

1996 – 2002 Senior Acoustician, PKA Acoustic Consulting (Sydney)

2002 – June 2007 Senior Engineer, Wilkinson Murray

July 2007 – Present Associate, Wilkinson Murray

PROJECT EXPERIENCE

ARCHITECTURAL & BUILDING

Consulting

- CSR Gyprock, CSR Hebel, CSR Bradford, CSR PGH
- James Hardie
- Tontine Insulation
- Ultrafloor
- Boral Masonry (Clay and Concrete)
- Pioneer Plasterboard (Lafarge)
- Rintoul sound-rated doors, design and development (up to STC 51)

Cinemas

- Hayden Orpheum Cinemas, Cremorne
- Warriewood Cinemas (independent)
- Greater Union Cinemas, Liverpool
- Review of design for Reading Cinemas Dubbo; Hoyts Eastgardens; Hoyts Tea Tree Plaza; Greater Union Casuarina; Greater Union Megaplex Marion; Greater Union Megaplex Indooroopilly; Greater Union Megaplex Garden City
- Home Cinema designs

Studios, Auditoriums and Sound Systems

- Private music recording studio (INXS)
- ABC Film and Television, Gore Hill
- Channel 7 Sydney HD control and mixing studios
- Music practice rooms design for various schools
- Voice over booths for Zero-1-Zero and other studios
- Pier One Conference Room
- Dubbo Function Centre
- Our Lady of Lebanon Church
- Sir Moses Montefiore Synagogue
- UTS Lecture Theatre
- Cello Dining Rooms Castlereagh Inn

Large multi-residential & Hotels

- Balmain Shores
- ANA Hotel refurbishment
- Intercontinental Hotel refurbishment
- Seachange Apartments, Queenscliffe
- The Giorgio, Foster Street, Surry Hills
- 500 Crown Street, Surry Hills

Nursing Homes & Hospitals

- Montefiore Hunters Hill refurbishment
- Montefiore Randwick
- Gosford Hospital Redevelopment
- Liverpool Hospital
- Small Animal Hospital Upgrade, University of Sydney
- Annesley Bowral
- Batemans Bay retail / residential / retirement development

Other

- Floor impact noise, product development and consulting for the Timber Development Association (TDA) as well as various manufacturers
- CSR Rain Noise Test Facility, Wetherill Park (Development of, design and rain noise research)
- Auditorium acoustic design including Montefiore Synagogue, university lecture theatres, school halls
- Office fit-out design, including boardroom acoustics
- Investigation and resolution of poor speech privacy in a number of office fit-outs
- Large number of field tests of partition performance and floor impact noise to Australian, American and ISO Standards
- SANIP – Schools Aircraft Noise Insulation Project
- Reverberation control in many situations including restaurants, Warringah Aquatic Centre, workshops and boardrooms
- Acoustic design for a number of pubs and clubs
- Luxury residential projects such as Sher residence, Bellevue Hill and Hendler residence, Vaucluse
- Investigation of noise transfer complaints between apartments

ENVIRONMENTAL INCLUDING EIS

- M4 traffic noise monitoring and road barrier design
- M5 traffic noise monitoring and road barrier design
- M2 traffic noise monitoring and consulting to residences
- Parramatta Rail Link construction noise EIS
- Cowpasture Road widening, Edensor Park
- Harris Park Y-Link, construction and rail noise
- Caltex Truck Depot, Mulgrave
- Ausdoc distribution and warehouse facility
- Camden Recycling facility
- Outdoor concert noise at the SFS and SCG, noise monitoring and consulting
- ICI plant, Botany, noise measurement and modelling
- Road Traffic Noise Impact report, Third Runway EIS
- Various Nightclubs, pubs / hotels and discotheques
- Large number of large and small multi-residential projects involving rail noise and road traffic noise
- Several child care centres

MECHANICAL SERVICES NOISE

- Liverpool Hospital
- Manning Building, Leader Community Newspapers (major call centre building), and a large number of other office / commercial projects
- Condenser noise (outdoor), both residential and commercial
- Measurement and design of noise control treatment for a large number of residential outdoor condensers,
- Outdoor and indoor chillers, isolation and noise control
- Car park fans, acoustic design for several residential and commercial developments
- Cooling Towers, Darrell Lea, Kogarah Town Square and others
- Mechanical design for residences, multi-residential developments, studios
- Mechanical design to exclude noise intrusion from other sources, e.g. SANIP – Schools Aircraft Noise Insulation Project