

Stephen GAULD - Expert Witness in Acoustics

Curriculum Vitae

Qualifications

- Stephen Gauld completed a Bachelor of Mechanical Engineering at the University of New South Wales in 1997.
- He was awarded his Masters of Engineering Science (Noise and Vibration) at the University of New South Wales in 2007.

Membership of Professional Associations

- Member of the Institution of Engineers Australia (2001)
- Member of the Australian Acoustical Society (2001)

Professional Experience in Acoustics

2004-Now

Day Design Pty Ltd

Managing Director and Senior Acoustical Engineer

Acquired the position of Managing Director in February 2004 and continues to work in a technical capacity as a Senior Acoustical Engineer. Responsible for the oversight of all acoustical projects and for managing several engineers.

Stephen's breadth of acoustical experience includes the measurement and assessment of environmental, occupational, architectural and transportation noise, together with practical means of noise control. His technical skill is evident in the wide variety of acoustical tools under his control and the continued development of computer software for acoustical computations.

His particular experience covers: Air conditioning equipment sound power rating and noise control; Aircraft, Train and Traffic noise control; Auditorium design for good (natural) acoustics; Construction equipment noise rating and control; Environmental noise assessments and noise impact statements; Factory noise assessment & design of cost effective noise control; Machinery noise and vibration measurement; Occupational noise assessment and control; Office acoustical design for clear speech intelligibility and speech privacy between workstations.

1998-2004

Day Design Pty Ltd

Senior Acoustical Engineer

Initially employed as an Acoustical Engineer, with promotions to Consulting Acoustical Engineer and Senior Acoustical Engineer over a period of 5 years. Responsible to the Managing Director for acoustical projects in New South Wales and occasionally inter-state. Developed acoustical spreadsheets for use by Day Design engineers and carried out internal training sessions for staff.

1997-1998

Acoustic Dynamics Pty Ltd

Acoustical and Quality Engineer

Stephen Gauld gained initial experience in acoustics during 1997 and 1998 while working as an acoustical engineer for Acoustic Dynamics Pty Ltd. Responsibility was given to manage projects and to assist Senior Engineers with larger projects.



Design Projects by Stephen Gauld

CLUBS & HOTELS

Astor Hotel/Motel, Albury NSW

Environmental Noise Compliance

Darling Street Hotel, Rozelle NSW

Environmental Noise Impact

Mekong Club Limited, Cabramatta NSW

Air Conditioning Noise Impact

Dooleys Lidcombe Catholic Club, NSW

Extension to Existing Club

Environmental Noise Impact

DA and CC Documentation

Construction Supervision

Elouera SLSC, Elouera NSW

Sutherland Shire Council

Function Room Architectural Acoustics

Fusion Nightspot Cronulla NSW

Environmental Noise Impact & Control

Environmental Noise Compliance

High Flyer Hotel, Condell Park NSW

Environmental Noise Monitoring

Royal Oak Hotel, Double Bay NSW

Snell Architects Pty Ltd

Environmental Noise Impact

Sutherland Trade Union District Club

Residents Action Group

Submission to Liquor Administration Board

CHURCHES AND PLACES OF WORSHIP

Cabramatta Anglican Church, Cabramatta NSW

Nelson Architecture Pty Ltd

Environmental Noise Impact

Corrimal Uniting Church, Corrimal NSW

Bishop Hitchcock & Irwin Architects

Internal Acoustics

Traffic Noise Intrusion Control

Architectural Acoustical Design

Harvest Church, Castle Hill NSW

Harvest Church Inc.

Architectural Acoustical Design

Mortdale Anglican Church, Mortdale NSW

Woodhouse & Danks Architects

Architectural Acoustical Design

Environmental Noise Impact

Joshua Hall, Bondi Junction NSW

Church in the Market Place

Architectural Acoustical Design

Thornleigh Uniting Church, Thornleigh NSW

Glendenning Group Architects

Architectural Acoustical Design

Environmental Noise Impact

SCHOOLS AND LECTURE ROOMS

Covenant Christian School, Belrose NSW

Environmental Noise Impact

Multi Purpose Hall Acoustic Design

Kirrawee High School, Kirrawee NSW

Music Room Noise Impact

McCarthy Catholic College, Emu Plains NSW

Environmental Noise Impact

North Coast TAFE, Grafton NSW

Music Studios Acoustic Design and

Commissioning

Reiby Juvenile Justice Centre NSW

Department of Public Works and Services

Reverberation Control

Riverside Girls High School, Huntleys Point NSW

Air Conditioning Noise Impact

Toongabbie Baptist Christian School, Toongabbie NSW

Environmental Noise Impact

Multi Purpose Hall Acoustic Design

Silverwater MPU – Mulawa Correction Centre NSW

Reverberation Control

Waverley College, Waverley NSW

Environmental Noise Impact

Multi Purpose Hall Acoustic Design

AIR CONDITIONING & REFRIGERATION

Anglican Retirement Village, Wollongong NSW

Perumal Pedavoli Architects Pty Ltd

Calvary Private Hospital, Kogarah NSW

Cordukes Builders Pty Ltd

Danny's Seafood Restaurant, La Perouse NSW

Sammut Developments

JJ Cahill Memorial High School, Mascot NSW

Perumal Pedavoli Architects Pty Ltd

Private residence, Castle Cove NSW

Mr Charles Uen

Residential Development, St Ives NSW

Marsh Air Conditioning Pty Ltd

St David's Village, Wollongong NSW

P R Design Co Pty Ltd

Sutherland Christian School, Sutherland NSW

Van Breda Architects

Waverley College, Waverley NSW

Glendenning Group Architects

