

Educational Facilities Experience

Michael Hayne – Director and Principal Acoustic Engineer

Michael has extensive experience in the assessment and acoustical design of primary and secondary school multi-purpose halls, trade training centres, resource centres, administration blocks, music practice facilities, recording studios, performing arts centres and general learning areas. He has also completed projects at most of the Queensland-based universities including The University of Queensland, Queensland University of technology, Griffith University and James Cook University. Whether your project is a complete building on a greenfield site, renovation of a single room or resolution of a noise complaint SoundBASE Consulting Engineers can provide acoustic engineering design advice.

1. PRIMARY AND SECONDARY FACILITIES

- Architectural and Building Acoustics (including Benchmarking of Existing Performance), Brisbane School of Distance Education and Coorparoo Secondary College, Coorparoo
- Architectural and Building Acoustics, Administration, Resource Centre and Canteen Buildings (BER), Kalbar State School, Kalbar
- Architectural and Building Acoustics, Block N (Theatre), Wynnum State High School, Manly
- Architectural and Building Acoustics, Mike Maher Centre, Glenmore State High School, Rockhampton North
- Architectural and Building Acoustics, Multi-Purpose Hall (BER), Burnside State School, Burnside
- Architectural and Building Acoustics, Multi-Purpose Hall (BER), Coolum State School, Coolum Beach
- Architectural and Building Acoustics, Multi-Purpose Hall (BER), Cooroy State School, Cooroy
- Architectural and Building Acoustics, Multi-Purpose Hall (BER), Chancellor State College, Sippy Downs
- Architectural and Building Acoustics, Multi-Purpose Hall (BER), Glenview State School, Glenview
- Architectural and Building Acoustics, Multi-Purpose Hall (BER), Golden Beach State School, Golden Beach
- Architectural and Building Acoustics, Multi-Purpose Hall (BER), Kawana Waters State College, Bokarina
- Architectural and Building Acoustics, Multi-Purpose Hall (BER), Landsborough State School, Landsborough
- Architectural and Building Acoustics, Multi-Purpose Hall (BER), Mountain Creek State School, Mountain Creek
- Architectural and Building Acoustics, Multi-Purpose Hall (BER), Mooloolah State School, Mooloolah Valley
- Architectural and Building Acoustics, Multi-Purpose Hall (BER), Maleny State School, Maleny
- Architectural and Building Acoustics, Multi-Purpose Hall (BER), Nambour State College, Nambour
- Architectural and Building Acoustics, Multi-Purpose Hall (BER), Park Lake State School, Pacific Pines
- Architectural and Building Acoustics, Multi-Purpose Hall (BER), Palmwoods State School, Palmwoods
- Architectural and Building Acoustics, Multi-Purpose Hall (BER), Pomona State School, Pomona
- Architectural and Building Acoustics, Multi-Purpose Hall (BER), Pacific Paradise State School, Pacific Paradise
- Architectural and Building Acoustics, Multi-Purpose Hall (BER), Sunshine Beach State School, Sunshine Beach
- Architectural and Building Acoustics, Multi-Purpose Hall (BER), Talara Primary College, Currimundi
- Architectural and Building Acoustics, Multi-Purpose Hall (BER), Tullawong State School, Caboolture
- Architectural and Building Acoustics, Multi-Purpose Hall (BER), Worongary State School, Worongary
- Architectural and Building Acoustics, Multi-Purpose Hall (BER), Woodford P-10 State School, Woodford
- Architectural and Building Acoustics, Multi-Purpose Hall and Library Courtyard (BER), White Rock State School, White Rock
- Architectural and Building Acoustics, Multi-Purpose Hall and Resource Centre (BER), Mareeba State School, Mareeba
- Architectural and Building Acoustics, Multi-Purpose Hall and Resource Centre (BER), Mourilyan State School, Mourilyan
- Architectural and Building Acoustics, Multi-Purpose Hall and Resource Centre (BER), Woree State School, Woree

- Architectural and Building Acoustics, Multi-Purpose Hall, Birkdale South State School, Birkdale
- Architectural and Building Acoustics, Multi-Purpose Hall, Riverside Christian College, West Maryborough
- Architectural and Building Acoustics, Music and Multi-Purpose Learning Centre, Narangba Valley State High School, Narangba
- Architectural and Building Acoustics, Music Practice Rooms, Matthew Flinders Anglican College, Buderim
- Architectural and Building Acoustics, Performing Arts Centre and Music Centre, Ormeau Woods State High School, Ormeau
- Architectural and Building Acoustics, Performing Arts Complex and Music Block, Brisbane State High School, South Brisbane
- Architectural and Building Acoustics, Performing Arts Complex, Kingaroy State High School, Kingaroy
- Architectural and Building Acoustics, Recording Studio and Performance Space, Riverside Christian College, Maryborough West
- Architectural and Building Acoustics, Ryan Hall, Nudgee College, Boondall
- Architectural and Building Acoustics, Senior School Building, St Peter's Lutheran College, Springfield
- Architectural and Building Acoustics, Trade Training Centre, Ipswich State High School, Brassall
- Architectural and Building Acoustics, Trade Training Centre, Kirwan State High School, Kirwin
- Architectural and Building Acoustics, Trade Training Centre, Pimlico State High School, Pimlico
- Certification of For-Construction Drawings, Banora Point High School Stage 2, Banora Point
- Control of Reverberation and Acoustical Design for Performance, Multi-Purpose Hall, Islamic College of Brisbane, Karawatha
- Control of Reverberation and Acoustical Design for Performance, Multi-Purpose Hall, St Joseph's Primary School, Bracken Ridge
- Control of Reverberation, Covered Eating/Games Area, Ascot State School, Ascot
- Control of Reverberation, Multi-Purpose Hall, Dutton Park State School, Dutton Park
- Control of Reverberation, Multi-Purpose Hall, Holy Cross Primary School, Woolloowin
- Generator Enclosure Design, Dajarra State School, Dajarra
- In-Situ Sound Reduction Testing, Brisbane School of Distance Education, Coorparoo
- Noise Impact Assessment, New Sports Facility, Brisbane State High School, South Brisbane
- Noise Management Plan, Trade Skills Centre, Wavell State High School, Wavell Heights
- PDP Acoustic Assessment East and West Sites, Ormeau State High School, Goldmine Road, Ormeau
- PDP Acoustic Assessment, Highland Reserve State School, Upper Coomera
- PDP Acoustic Assessment, Stretton State High School Stage 2, Stretton
- Prediction and Control of Noise Emissions from Children, Covered Sports Court, Holy Spirit School, New Farm
- Road and Rail Traffic Noise Assessment and Control, St Benedict's Catholic College, Mango Hill
- Road Traffic Noise Assessment and Control, Frost Centre Extension, St Paul's School, Bald Hills
- Road Traffic Noise Assessment and Control, Preparatory Unit Building, St Mary MacKillop Primary School, Birkdale
- Road Traffic Noise Assessment and Control, Relocatable Classrooms, North Lakes College, Mango Hill
- Road Traffic Noise Assessment and Control, Stage 4 (Buildings A to H), North Lakes College, Mango Hill
- Road Traffic Noise Assessment, Prep and Early Years Buildings, St Benedict's Catholic College Stage 2, Mango Hill
- Suspended Floor Acoustic Design Review, Multi-Purpose Hall, St Mary MacKillop Primary School, Birkdale

2. TERTIARY, TRADE AND RESEARCH FACILITIES

- Acoustic Ceiling Designs to Increase Privacy, Blocks Y and P, Queensland University of Technology, Gardens Point
- Acoustic Design of Visual Screens, Noel Nickson Performance Room, Zelman Cowen Building, The University of Queensland, St Lucia
- Acoustical Design Review of Services, Music Education Building, 75 Grey Street, South Brisbane
- Aircraft Noise Assessment and Control, Aviation Australia Training Facility, Brisbane Airport
- Architectural and Building Acoustics, Central Queensland University Brisbane Campus, 160 Ann street, Brisbane
- Architectural and Building Acoustics, Dental School Building and Lecture Theatre, James Cook University, Cairns
- Architectural and Building Acoustics, G51 Smart Water Research Facility, Griffith University, Gold Coast

- Architectural and Building Acoustics, G52 International Building, Griffith University, Gold Coast
- Architectural and Building Acoustics, Level 6 Tenancy Fit-out, John Hines Building, The University of Queensland, St Lucia
- Architectural and Building Acoustics, Minerals Characterisation Research Facility, The University of Queensland Experimental Mine, Indooroopilly
- Architectural and Building Acoustics, Music Practice Rooms, Zelman Cowan Building, The University of Queensland, St Lucia
- Architectural and Building Acoustics, Warehouse (Building 99) Refurbishment, The University of Queensland, St Lucia
- Control of Internal Plant Noise, Quiet Graphics Room, Institute of Molecular Bioscience, The University of Queensland, St Lucia
- Control of Noise break-out, New Plant Room 2.28, N50 Centre Wing Level 2, Griffith University, Nathan Campus
- Floor Vibration Measurements, Level 9, Chemistry Building (Building 68), The University of Queensland, St Lucia
- Noise Impact Assessment, Rocket Motor Test Facility, The University of Queensland, Pinjarra Hills