

Industrial Projects Experience

Michael Hayne – Director and Principal Acoustic Engineer

Michael has prepared noise impact assessments for a wide range of industrial developments ranging from carwashes to waste transfer stations. When preparing an industrial noise impact assessment, it is critical that the person conducting the work is familiar with the proper techniques to measure existing noise sources and convert the measurements into the correct sound power levels for incorporating into a 3D noise propagation model. Considering how source sound power levels vary can also make a huge difference to the extent of amelioration that may be required to mitigate noise emissions. Industrial noise control can be complicated as it is necessary to have a complete understanding of the noise generation and propagation mechanisms. SoundBASE Consulting Engineers can make use of their experience and knowledge to ensure that money is not wasted on unnecessary acoustic treatments.

1. NOISE IMPACT ASSESSMENTS

- Carwash Facility, 1-7 Buchanan Street, Murwillumbah
- Carwash Facility, cnr Broadsound Road and Nebo Road, Mackay
- Carwash Facility, cnr Illuta Avenue and Ferny Way, Ferny Hills
- Chicken Farm, 86 Brabazon Road, Gleneagle
- Heavy Machinery Training Centre, 92 Carrington Road, Torrington
- Industrial Subdivision, Kerr Road, Dakabin
- Industrial Workshop, 102-106 Hoskins Street, Sandgate
- Industrial Workshop, 5 Raglan Street, Granville
- Industrial Workshop, cnr Bradman Street and Manseer Street, Acacia Ridge
- Landfill Expansion, 26, 40 and 50 Cooney Road, Bli Bli
- Light Industrial Units and Self-Storage Facility, 5-8 Grant Street, Cleveland
- Medium Impact Industry, Lot 11 Witmack Road, Wellcamp
- Medium Impact Industry, Lot 4 Witmack Road, Wellcamp
- Motor Vehicle Workshop, 210 Charleton Street, Chandler
- Petrie Quarry Extensions, Dayboro Road, Whiteside
- Plastics Product Factory, Lot 2 Witmack Road, Wellcamp
- Refuelling Station, Lot 10 Crocker Court, Wellcamp
- Refuelling Station, Lot 11 Crocker Court, Wellcamp
- Refuelling Station, Lot 7 Crocker Court, Wellcamp
- Service Station and McDonald's Restaurant, Caltex Wishart, 590 Mt Gravatt-Capalaba Road, Wishart
- Service Station, 503-507 Warwick road, Yamanto
- Transport Depot and Workshop, Lot 4 Vision Street, Wellcamp
- Truck Depot and Workshop, 410 Brisbane Terrace, Redbank

- Truck Depot, Service Facility and Cattle Yard, 273-319 Schultz's Road, Ironbark
- Vehicle Sales and Service, 1358 Logan Road, Mt Gravatt
- Vehicle Sales and Service, 594 Miskin street, Toowong
- Vehicle Sales and Service, cnr Ferry Street and Albert Street, Maryborough
- Vehicle Sales and Service, cnr Nissen Street and Boat Harbour Drive, Hervey Bay
- Waste Transfer Station, 101 Upper Kedron Road, Ferny Grove
- Waste Transfer Station, 728 Tilley Road, Chandler
- Wood Preservation Works and Beam Plant, Wisemans Ferry Road, Somersby

2. NOISE CONTROL

- Acoustic Enclosure Design, M1 Cut-off Saw, Smorgan Steel Tube Mills, Acacia Ridge
- Acoustic Enclosure Design, M3 Cut-off Saw, Smorgan Steel Tube Mills, Acacia Ridge
- Acoustic Enclosure Design, Water Pump Station No 2, Viewland Drive, Noosa
- Attenuator and Ductwork Design and Compliance testing, Smoke Exhaust Fan Upgrades, Pacific Fair Shopping Centre, Hooker Boulevard, Broadbeach
- Control of Night-time Noise Emissions, Beaudesert Post Office, 117 Brisbane Street, Beaudesert
- Generator Enclosure Design, Dajarra State School, Dajarra
- Generator Plant Room Design, Corporate Centre Tower 2, Bundall
- Noise Complaint Investigation, Food Spectrum Factory, 53 Fairlawn Street, Nathan
- Noise Complaint Investigation, Mulch Production Facility, Chapel Road, Hervey Bay
- Plant Noise Investigation, Test Laboratory, 47 Doggett Street, Newstead
- Vibration Problem Investigation, Level 14, Riparian Plaza, Brisbane