

Introduction To SLR Heggies

SLR Heggies Pty Ltd (SLR Heggies) is a progressive firm of engineers and scientists offering consulting services in the specialist areas of:

- Industrial Noise Control
- OHS Audits and Management Systems
- Air Quality Impact Assessment
- Atmospheric Dispersion Modelling and CFD
- Natural Ventilation
- Environmental Impact Assessments
- Hazardous Materials (Asbestos, Lead, etc)
- Remediation Management
- Wind Engineering and Wind Tunnel Testing
- Ecologically Sustainable Development
- Structural Dynamics and Modal Analysis
- Blast Design and Monitoring
- OHS Surveys
- Air Quality Field Monitoring
- Transportation Noise and Vibration
- Climate Analysis
- Indoor Air Quality
- Environmental Management Plans & Systems
- Contaminated Site Investigations
- Remediation Action Plans
- Building Reflectivity and Shadow Studies
- Ecologically Sustainable Development
- Building Acoustics
- Expert Evidence and Training

SLR Heggies was incorporated in 1978 and has grown to become one of Australia's most respected specialist engineering and environmental consultancies. The company achieved a significant milestone in 2004 with the acquisition of New Environment Management and Technology Pty Ltd, augmenting and expanding existing environmental and OHS services in many areas of interest to this project.

SLR Heggies now has a staff of over 140 with offices in Sydney, Brisbane, Newcastle, Canberra, Wollongong, Melbourne, Perth, Townsville and Singapore. We undertake projects in all states of Australia, as well as in New Zealand and South East Asia.

One of our strengths is our project-team structure, which enables us to maintain a high degree of expertise in our areas of specialist knowledge, whilst providing personalised service to our clients.



Industrial Acoustics

SLR Heggies offers a large range of industrial acoustic consulting services, including:

- OH&S noise consulting services to assess the impact on staff, including the measurement and management of occupational noise exposure and the identification of problem areas.
- Extensive noise measurement and modelling capability. Including sound intensity measurements, noise source identification strategies, noise mapping and 3D noise modelling so as to identify the sound power levels of each contributing source and enable noise source ranking, allowing for the assessment of cost effective noise controls.
- Preparation of design guidelines and specifications for noise control.
- Modelling the effectiveness and costs of noise control treatments
- Design of noise control solutions. These range from simple specifications for items such as acoustic doors and silencers to complete design services for projects including machine enclosures, silencers or acoustic treatments to buildings. Our engineers have an understanding of fundamental noise generating mechanisms and are able to provide advice on possible process modifications to allow for the reduction of noise at the source.

Relevant Projects Of Interest

SLR Heggies Projects

- Kooragang Coal Loader
 - Noise assessment and design for stage 2
- Shoalhaven Starches
 - Extensive long term engineering noise reduction programme
- Halvorsen
 - Design of noise and vibration controls for MV Emma
- Edible Oil Industries
 - Occupational noise exposure studies and noise control
- Don Smallgoods
 - Compressor and cooling tower noise control design
- Presto Smallgoods
 - Refrigeration plant noise emission studies and noise control
- Kimberley Clark
 - Occupational noise exposure surveys and noise control design
- Sebel Furniture
 - Timber machine noise studies and noise control design
- Unilever Australia
 - Occupational and community noise control studies
- Tubemakers of Australia
 - Tube mill materials handling noise control surveys and design
- Powerlite Industries
 - Design of noise control enclosures for diesel generators
- Kirby Australia
 - Occupational noise control surveys and engineering design
- CSR Sugar
 - Noise control investigations at Invicta and Mackay sugar mills
- Davidson of Australia
 - High pressure industrial blower noise and vibration control
- Carnation
 - Noise exposure investigations and compressor noise control
- Reckitt and Colman
 - Occupational noise exposure investigations and noise control design
- Samuel Taylor
 - Noise exposure investigations and design for injection moulders
- Corrugators Ltd
 - Cardboard fabrication machine noise control enclosure assessment
- APM
 - Paper plant noise control investigations and noise reduction programme
- Shell Clyde Refinery
 - Polypropylene plant
- Shell Gore Bay Terminal
 - Tanker unloading and product transfer pumps
- ICI Australia
 - Olefines plant noise control
- ICI Australia
 - Elevated and ground flare noise control
- Pabco Products
 - Combustion burner noise control
- Kraft Foods
 - Blower and centrifuge noise control
- Gaden
 - Design of noise controls for ROPS tractor cabins
- CBS Records
 - Hydraulic pump noise control enclosures
- TNT Building Redfern
 - Diesel alternator noise control design
- Orbit Chemicals
 - Tablet press noise and vibration control design
- Pandrol Australia
 - Cropping press noise control enclosure design
- Borg Warner
 - Cropping press noise control enclosure design
- Gladstone Power Station
 - Design of silencers and enclosures for ID fans
- Tubemakers of Australia
 - Dust collector noise control
- National Can
 - Noise exposure investigations
- International Harvester
 - Truck cabin noise control design
- Lysaght Port Kembla
 - Steel rolling mill noise control design
- Carnation
 - Occupational noise exposure surveys and hammer mill enclosure design

Visit us at www.heggies.com or call **1300 434 443** to find out more.

Heggies Pty Ltd is a member of the International SLR Group
www.slrconsulting.com