

# Sound Research Laboratories South Africa (Pty) Ltd

## Company Profile

SRL is one of the most accomplished acoustic consultancies in South Africa and the UK. We have been in practice for 50 years, and in South Africa for over 10 years. In South Africa we have already been involved in many major developments to add to our extensive project list worldwide. We bring the experience from these projects to all of our work.

Our capabilities are broad, ranging from planning, performance prediction, design, inspection, troubleshooting, measurement and commissioning. Indeed anything where noise and vibration is an issue.

We work for a wide range of clients throughout all branches of industry: architectural; construction; building services; planning; industrial; environmental; marine and transport. We are not tied to any other company and therefore give independent advice.

Our South African offices are in Cape Town and Johannesburg, serving projects throughout sub-Saharan Africa. We have further offices in London, Manchester, Suffolk and Birmingham. These enable us to service our clients efficiently. We have international quality laboratories in the UK, specialising in acoustics, noise and vibration testing and design.

With nearly 50 staff across our offices we can cope with the largest projects and work to our clients' often tight timescales. We develop a close relationship and reputation with our clients, meaning that most of our new projects are from returning clients.

Our 'tools of the trade' include the latest measurement equipment and computer modelling programs. Not only can we graphically represent noise, such as with noise mapping, but we can also reproduce it so that clients can hear what it will sound like once the building is finished. We are also committed to writing in jargon free, plain English. These have proved to be a great help to those not familiar with acoustics.

We have completed many successful and challenging projects. We have 'Experience Lists' and Case Studies showing some of these. Call us if you would like to see these for a particular discipline or for more details of any of the above.

## Our major areas of expertise include:

### Architectural Design

- Specification
- Design
- Computer modelling and auralisation
- Site inspection and commissioning

### External and Site Testing

- Noise surveys
- Sound insulation testing

### Green Star

- Design and As-Built compliance for all rating tools

### Planning and Litigation

- Public and planning enquiries
- Expert witness
- Negotiations with planning authorities

### Environmental Consultancy

- Noise modelling and prediction
- Noise surveys (including event noise monitoring)

### Building Services and HVAC

- Attenuator and airflow design and testing
- Vibration isolation
- Noise control

### Vibration

- Control and isolation
- Measurement and prediction
- Finite element modelling and prediction
- Underground prediction

### Laboratory Testing

- Sound insulation and absorption
- Modal testing
- Sound and vibration quality testing
- SEAT transmission testing

### Industrial Noise Control

- Noise at Work assessments
- Surveys, modelling and design
- Noise control programmes

### Training

- Acoustics, noise and vibration courses (CPD)
- Human response to vibration measurement and assessment procedures

### Design Guides and Standards Writing

- Author of many design guides
- Contributor to the development of standards
- Publisher of authoritative noise and vibration design textbooks