

WHY YOU NEED SOUND ADVICE FOR DEMOLITION AND CONSTRUCTION

Noise and vibration arising from demolition and construction activities can result in significant disturbance to the occupants of nearby buildings whilst elevated magnitudes of vibration can induce cosmetic and even structural damage in nearby structures. Local authorities and contractors need to ensure, therefore, that relevant legislation is complied with and that Best Practicable Means are employed to minimise potential impacts.

It is often necessary for developers and contractors to seek specialist advice in advance of works commencing to effectively manage associated risks to cost and programme.

'The written reports provided were the best I have ever received from any consultant and the communication to both Council officers and the public was outstanding, being clear, informative and persuasive'
London Borough of Lewisham



southdowns
consultants in acoustics, noise and vibration

We are a privately owned specialist noise and vibration consultancy providing both advice and strategies on all construction noise and vibration issues. Formed in 1996, we have worked on over 500 acoustics related projects throughout the UK and overseas for both public and private sector clients. These include major infrastructure projects such as the Channel Tunnel Rail Link and Crossrail and also Residential, Industrial, Leisure, Commercial and other projects. Clients frequently comment on our client focus, our range of expertise, our ability to work across teams and speed of delivery.

We have a reputation for achieving a high level of success in helping clients succeed in their project objectives.

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Reasons to Choose Southdowns

Southdowns' experience and expertise in this field is based on a diverse range of local, regional, national and international construction projects ranging from small scale enabling works lasting a few weeks to major infrastructure developments lasting several years. This experience along with an in-depth understanding of both the Local Authority and Contractor objectives and a range of in-house staff grades enables Southdowns to provide best value and tailored services for its clients.



What is a Section 61 Consent?

Under Section 61, Part III of the Control of Pollution Act, the developer or its contractor can seek prior consent to conduct the works, by submitting an application which would normally include details of the works, the predicted noise and vibration levels, mitigation measures to demonstrate Best Practicable Means and monitoring proposals. If a consent is granted and such works are then carried out in accordance with the terms of the consent, the Local Authority should not normally be able to serve a restriction notice under Section 60 of the same act.

Many organisations regard this process as an effective risk management tool, providing assurance to project planners and contractors that the risks of Local Authority intervention have been minimised.

'My experience of Southdowns as a sub-consultant on a commission we have has always been excellent. They are particularly client focused and have earned a great deal of trust not only from us but the client also. We know we can rely on Southdowns to deliver quality work on time.'

Mouchel Parkman



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Services

Southdowns' in-house expertise provides a complete solution for clients looking to identify, manage and control risks associated with construction noise and vibration, including:

- baseline noise and vibration surveys;
- advice on 'best practicable means' for mitigation;
- desktop computerised modelling;
- evaluation and mitigation of surface based construction noise & vibration impacts;
- groundborne noise and vibration from sub-surface works;
- input to constructability and value engineering exercises;
- presentation of technical evidence and expert witness testimony;
- preparation of method statements, management procedures and code of construction practices;
- administration of noise insulation schemes;
- tool box talks and training of contractor staff;
- Section 61, CoPA 1974 consent applications;
- negotiations with local authorities;
- design and implementation of ongoing construction noise and vibration surveys;
- remote continuous monitoring, analyses and preparation of regular reports; and
- audit and compliance monitoring.

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Southdowns Project Experience

Southdowns experience includes the provision of advisory, assessment and/or monitoring services on numerous construction projects, including:

- High Speed 1 (inc. Contracts 105, 310, 339, 588 and 576)
- City of London Academy
- West Coast Route Modernisation
- CTRL Enabling Works
- Southern Region Power Upgrade
- Tottenham Court Road Station Upgrade
- Crossrail Enabling Works
- LU Victoria Line Cooling the Tube
- Lincoln Station Renewals and Redevelopment
- St Mary Magdalene Academy
- Dublin Port Tunnel
- Shepherds Bush LU Station
- Lewes CSOs
- Upper Forth Crossing, Kincardine
- Bexhill to Hastings Link Road
- A303 Stonehenge Improvements
- Crossrail
- Preston Tithebarn Regeneration Area
- Bracknell Town Centre re-development
- Docklands Light Railway – Woolwich Extension
- Paddington LTVA Bridge
- Cardinal Place, Victoria
- MOD Ernesettle Jetty
- Baldock Bypass

'Southdowns were chosen for their experience and provided sound and professional advice in all areas'
Havering Council

Contact us

To learn more more about Southdowns' noise and vibration services please contact one of our directors (Phil Evans / Patrick Williams / Rick Methold) on +44 (0) 1273 488186 or by e-mail to enquiries@southdowns.eu.com
For further information on case studies, please visit our web-site. www.southdowns.eu.com/projects