Noise services

Available services
Your business can be affected by noise due to its potential to cause hearing damage to workers and annoyance to neighbors.

Noise needs to be considered in many contexts including environmental approval, regulatory compliance, management of health and safety, community relations and operational efficiency.

When noise becomes excessive, it requires elimination, mitigation or management.

Effective solutions to noise problems depend on a fundamental understanding of acoustics, industry experience and an appreciation for practical concerns faced by operators and designers.

How we help
Wood provides a broad range of services ranging from noise surveys, monitoring and prediction to detailed design of engineering noise controls.

We provide you with clear and timely advice you can trust and act upon.

Our expertise
Wood provides noise and vibration services to the resources sector. We have more than 25 years of industry experience working at all stages of the project life cycle, from design through to commissioning and operations.

Our experience has been gained on-site, and consequently, we are familiar with both the technical and practical aspects of the problems faced by our customers.

Our services range from routine surveys and data collection to advanced design and troubleshooting, where we can draw on the experience of our other business units which specialize in a range of mechanical engineering disciplines.

Our noise team is highly skilled in assisting industry to achieve and demonstrate compliance with both environmental and occupational noise regulations.

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Property of Wood.
Capabilities

Occupational noise and vibration
• Noise surveys and mapping
• Human vibration surveys
• Dosimetry
• Noise management systems
• Noise control planning
• Exposure reduction strategy
• Engineering noise control

Environmental noise and vibration
• Environment noise impact assessment
• Noise prediction and contours
• Noise, ground-borne vibration and blast monitoring
• Environmental management plans
• Source identification and control
• Construction noise assessment

Underwater noise
• Underwater noise modelling
• Noise monitoring
• Marine fauna impact assessment

Design services
• Facility design
• ALARP (reducing noise to 'as low as reasonably practicable')
• Engineering support
• HVAC noise assessment
• Facility exposure mapping
• Assessment of vendor data
• Acceptance testing
• Document preparation and review

More information and support
To discuss your noise concerns with an expert, contact us at info.vdn@woodplc.com or visit our vibration, dynamics and noise pages.

www.woodplc.com/vdn