



NOISE POLLUTION

Precise Consulting offer testing to identify the risk levels of potential overexposure to unwanted noise.

NOISE

Noise pollution refers to unwanted sound that may damage your hearing and cause other health effects such as stress, hypersensitivity to noise, increased blood pressure and increased heart rate. It may have psychological effects causing anxiety, depression and loss in productivity.

It can also interfere with speech communication in the workplace, potentially putting people's safety at risk.

Sound is measured in decibels. Sound levels over 85 decibels [dB(A)] present a health risk.

Hearing is at risk if a sound is too loud, and/or if people are exposed to noise for too long. Often hearing damage happens so gradually that by the time workers notice it, it's too late. Hearing loss is permanent and irreversible, even when exposure stops.

The extent of noise induced hearing loss (NIHL) depends on the intensity of the noise, duration and its frequency.

NOISE IN THE WORKPLACE

Section 30 under the Health and Safety at Work Act 2015 imposes a duty on PCBU's to eliminate risks to the health and safety of employees.

PCBU's have a duty to manage risks associated with noise exposure to ensure that workers are not exposed to noise at or above the following limits:

- Eight-hour equivalent continuous A-weighted sound pressure level, LAeq,8h, 85 dB(A), and
- Peak sound pressure level, L_{peak}, of 140 dB

If the PCBU is not certain on reasonable grounds whether employees may be exposed to noise at or above the exposure limits, then the PCBU must ensure that exposure monitoring is carried out.

Exposure monitoring consists of two parts, namely a preliminary assessment followed by a detailed exposure survey.

During the preliminary assessments, the focus is on the identification of potential noise and should be carried out in the absence of previous assessments, or if assessments are older than 5 years.

Detailed surveys involve the use of specialized equipment to determine exposure levels, help identify sources of noise and evaluate control efficacy.

NOISE EXPOSURE

Our experienced consultants can undertake preliminary and detailed assessments of noise environments and evaluate current controls to provide expert advice and recommendations for eliminating or minimising the risks from unwanted noise.

Preliminary Assessment	Walkthrough assessment to identify noise sources and areas in the workplace where noise levels are likely to exceed the exposure limits. The assessment focusses on noise sources, current control measures, occupations and exposure profiles in terms of potential exposure levels, frequency and duration.
Detailed Assessment	Handheld devices are used to identify noise sources, measure the noise level emitted by individual sources (or composite noise) to define noise zones and determine exposure profiles and evaluate control efficiency. Personal sound exposure meters (PSEM) are worn by workers with the device fitted on the shoulder on the side that is closest to the noise source. Monitoring is carried out over a full shift or as close as possible thereto to obtain representative samples. The results are recorded on the applicable field sheet and downloaded from the device and stored in electronic format.



CONTACT US TODAY

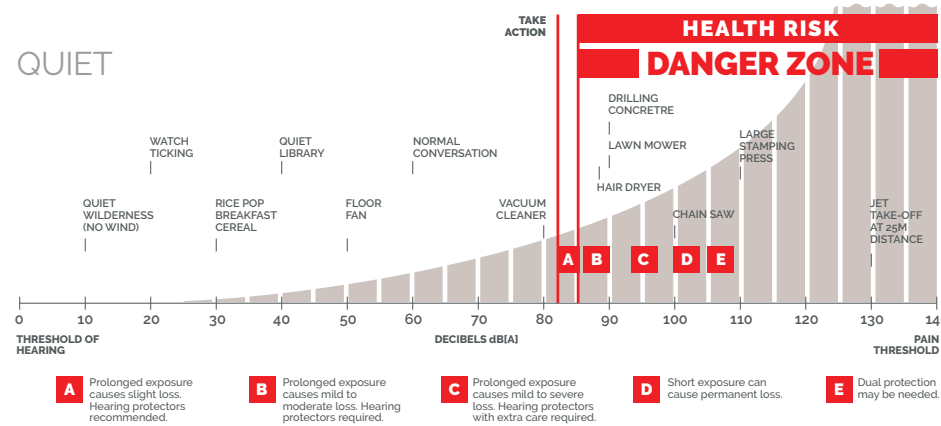
Please get in touch for more information on any of our HAZMAT services including; asbestos sampling, surveying and management services, workplace health & safety solutions and meth testing.

We have operational staff in Auckland, Bay of Plenty, Manawatu, Wellington, Nelson, Christchurch and Dunedin, offering you national coverage from a single point of contact.

Email us at:
admin@preciseconsulting.co.nz

Call us on:
0800 002 712

NOISE EXPOSURE THRESHOLDS



If you are unsure what you or your staff exposures are to unwanted noise, then give us a call today to discuss how we can help.

PRECISE CONSULTING – YOUR HAZMAT TESTING SPECIALISTS

Precise Consulting provide a service solution for those involved in many facets of the construction, demolition and refurbishment industry where Hazardous Materials (HAZMAT) are found.

We specialise in asbestos sampling, asbestos surveying, asbestos risk assessment, asbestos management, methamphetamine sampling, air quality testing for dust, mould and silica, and workplace and alcohol testing.

Precise Wellington is IANZ accredited (ISO/IEC 17025) for Methamphetamine sampling, with Key Technical Personnel located in all branches.

You can be assured of quality service, professionalism, and fast, accurate results. We would love the opportunity to help

you, whether it's a problem in your home, at work, or on a building site.

Please get in touch with us to see how we can help, or to get a quote on any of the below service areas:

OUR SERVICES

- > Mould
- > Asbestos
- > Methamphetamine Contamination Testing
- > Occupational Health & Hygiene
- > Hazardous Materials
- > Workplace Drug & Alcohol Testing
- > Contaminated Land
- > Technical Consultancy



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