

safe
sound
solutions 



OCCUPATIONAL HYGIENE SERVICES

SAFESOUND.CO.NZ



Safe & Sound Solutions

The world of health and safety and business compliance can be complex, but it is one you must navigate in order to see your business continue into a successful future.

Finding the right partner to help you with this is imperative in order to guarantee high quality and comprehensive occupational hygiene solutions that meet your business needs, and assists with the protection of your workers' health.

Company Overview

Training in occupational and public health in the early 1980s, owner Charles de Lambert developed a passion for health and safety, a passion which led to him branching out and founding Safe & Sound Solutions Ltd in 2002.

Since then, Safe & Sound Solutions has gone from strength to strength with Charles still at the helm. In early 2020, Sage Robinson joined Safe & Sound establishing the Occupational Hygiene Division. Sage brought a wealth of knowledge from the petrochemical and semi-conductor industries where he specialised in personal safety and environmental compliance.

Now owned by Charles and Sage, and supported by a team of dedicated consultants with considerable industry experience across a range of sectors, Safe & Sound offer an extensive range of workplace safety, environmental, and occupational hygiene solutions to businesses throughout New Zealand.

Having provided services to over 300 companies, Safe & Sound Solutions has experience in a wide range of industries from agriculture, construction, manufacturing and mining, through to education, office administration, and local body government.

For a passionately delivered, tailor made service, get in touch today.

Services

Dust and Particulate Monitoring

Safe & Sound offers a range of real time and personal exposure monitoring (respirable and inhalable) services for dust and particulate. Real time monitoring allows us to assess compliance and the need for personal monitoring without the initial cost of a full survey. This is achieved using the latest technology from the UK and, coupled with our ventilation assessments, can effectively assess your existing controls. Some of the materials we monitor are wood dust, coal dust, synthetic man-made fibres (fibreglass) and silica.

Volatile Organic Compound Monitoring

Real time semi-volatile and volatile organic compound (VOC) monitoring using the latest equipment allows for ppb (part per billion) level detection for assessing a variety of processes including spray painting, gluing, solvents, petrol, aromatics and other hydrocarbons.

Gas and Vapour Monitoring

We offer a range of monitoring technology that allows for the detection of most gases and vapours. The most common of these being carbon monoxide, carbon dioxide, oxygen, hydrogen sulphide, perchloroethylene, benzene and toluene.

We can detect over 300 compounds, so please enquire if your substances are not listed.

Weld Fume and Heavy Metals

Welding and metal work can produce a range of particulates and metal vapours that are dangerous to health. We offer real time monitoring of fume for the assessment of local extraction ventilation (LEV) systems and personal exposure monitoring for comparison against the WorkSafe NZ Workplace Exposure Standards. Typically this monitoring can include total inhalable particulates and subsequent trace metal analysis.

Ventilation Assessments

Safe & Sound Solutions owns a range of equipment for the assessment of ventilation systems including spray booth, local extraction and total building ventilation. This can include the measurement of capture zones, vapour diffusion patterns and hazardous material clearance time.

Noise Monitoring

We offer a range of occupational and environmental noise assessments. Reports can include plant assessments, personal exposure including dosimetry, maximum daily exposures, hearing protection assessments, noise contour maps and engineering control recommendations.

We also have the necessary equipment to assess ototoxic (hearing damaging chemicals) effects.

Hazardous Substances Training and Compliance

Our principal occupational hygienist has a PhD in chemistry and has extensive hazardous material handling experience. He offers a range of tailor-made training courses including general handling and risk awareness, emergency response training, hazardous substance competency to meet the general duties of the Health and Safety at Work Regulations.

We also offer services in respect to the Asbestos and Major Hazard Facility regulations.

Biological

We can visit and establish the necessary sampling protocol for mould and spores in both residential and commercial buildings.

Surface and Material Testing

We can arrange the collection and testing of surface and material samples for analysis including lead, arsenic, methamphetamine and asbestos.

Thermal Environment

Humans are warm-blooded organisms whose biochemistry fully functions in a tight window around 37.0 °C with deviations of a few degrees resulting in serious consequences. Thermal stress from moderate temperatures is not uncommon and should be effectively managed. Activities at moderate temperatures where thermal stress may be an issue include bakeries, commercial kitchens, laundries, boiler rooms, cool stores, packhouses, etc. Safe & Sound has a range of advance measurement technologies to accurately assess and help you manage workplace thermal environments.

Fit Testing

It is a requirement under AS/NZS 1715:2009 “Use and maintenance of respiratory protective devices” that all wearers of tight fitting respirators undergo annual fit testing. Fit testing matches a manufacturers’ model and size of respirator to a user’s face and ensures the respirator will provide the required minimum protection throughout a range of work related activities. Ensure your respirator is providing the required level of protection and engage Safe & Sound today.

Vibration Monitoring

Vibration as it affects workers’ health is broadly classified into two categories: hand-arm vibration and whole-body vibration. Hand-arm vibration occurs when vibration from tools and machines is transmitted into workers’ hands and arm and can result in permanent damage if workers regularly and frequently use hand-held power tools and machines. Whole body vibration on the other hand occurs when vibration passes through your body from a surface you are sitting or standing on. Safe & Sound has a range of advance measurement technologies to accurately measure and quantify vibration in line with AS and ISO standards.

Indoor Air Quality Assessments

Indoor air quality (IAQ) is becoming of greater concern to the general public who are more aware of the impact of IAQ on their comfort and health. As we spend more time indoors than outdoors in new and retrofitted airtight buildings, at home, school, and in the office, there is a greater need to assess our exposure to various contaminants than ever before. Safe & Sound Solutions has specialists who can assist in the assessment of pollutants (carbon monoxide, carbon dioxide, particulates, VOCs), ventilation systems, thermal comfort (temperature, humidity, air speed), acoustic comfort (noise levels) and lighting comfort.

Respiratory and Hearing Protection Programmes

Selecting the correct personal protective equipment (PPE) and respiratory protective equipment (RPE) is essential for protecting your workers from workplace hazards. Safe & Sound Solutions has industry experts to assist you with selecting equipment that provides the correct level of protection to your workers. Furthermore, we can help with the development of PPE and RPE programmes such as a hearing conservation programme or respiratory protection programme which are required under the relevant New Zealand Standards.

Bioaerosols

Bioaerosols are microbial fragments, constituents of cells and airborne biological particles that can consist of fungi, bacteria, pollen, fragments, constituents, particulate matter, and by-products of cells, that may be biologically viable or non-viable. Bioaerosols can pose a serious health risk and the first step towards development of a detailed hazard management plan is assessing the risk. Safe & Sound can complete bioaerosol monitoring including total airborne counts and *Genus* level identification.

Hot-Zones and Decontamination Work

Safe & Sound Solutions' Hygienist has experience working in contaminate sites and uninhabitable areas and we have all the required safety gear to rapidly respond to developing situations. We have also completed decontamination validation and emergency response risk management work following loss of containment of toxic agents or industrial accidents.

Confined Space Entry and Monitoring

Confined space work is covered by an Australian standard: AS 2865 Confined Spaces. You should test the air in a confined space constantly as oxygen and gas levels in a confined space can change quickly. Safe & Sound can assist with pre-entry atmospheric testing and real-time monitoring of workers while they are working in the confined spaces, as well as all your confined space entry permitting and risk management processes.

Hexavalent Chromium

Hexavalent Chromium exposure occurs through welding of stainless steel, among others, and is particularly hazardous to workers' health. Water soluble hexavalent chromium, Cr(VI), compounds are highly irritating to the dermis and mucous membranes and may cause sensitisation of the skin and respiratory tract. Based on strong evidence in human and animals, Cr(VI) compounds are classified as confirmed human carcinogens.

Biological Exposure Monitoring

Biological monitoring is the detection of substances in biological samples (blood, urine, etc) of workers and allows assessment of other route of exposure.

Specialist Monitoring

Our hygienist has experience with a range of specialist monitoring and if something isn't listed, please don't hesitate to contact us to see how we can best assist you.



Other Services

- Safety, Quality, and Environmental Management Systems
- ISO Compliance Systems
- ICAM Investigations including Fatality Investigations
- Inspections and Audits
- Occupational Hygiene Services
- Workplace Exposure Monitoring — Noise, Dust, Fumes, Gases, and Vapours
- Major Hazard Facility Documentation and Risk Management
- Respiratory Fit Testing
- Inspection and Calibration Services — Harnesses, Ropes, Gas Meters
- Drug and Alcohol Testing
- Thermal Assessments and Indoor Air Quality
- Excavations and Confined Spaces
- Training — Workplace Safety, Hazardous Substances, Asbestos Awareness

Memberships and Affiliations

- NZISM (NZ Institute of Safety Management)
- HASANZ (Health and Safety Association of New Zealand)
- NZOHS (NZ Occupational Hygiene Society)

Get in Touch

Whatever your needs, Safe and Sound Solutions Ltd have it covered and will guarantee to provide informed and extensive health and safety solutions no matter what your industry, scale or location. We pride ourselves on our personal approach and are certain this is what has led to our enduring client relationships and our unrivalled reputation. But don't just take our word for it, check out our numerous reviews at safesound.co.nz

The best way to discover how we can help you is by letting us know a bit more about your current situation. Give us a call on **0800 723 376** or drop us an email to admin@safesound.co.nz and one of our consultants will give you a call to chat through how we can make sure your business is health and safety compliant.



PO Box 29493, Riccarton
Christchurch 8041
Phone: 0800 safesound (723376)
Email: admin@safesound.co.nz
Web: www.safesound.co.nz

