



**Shorcontrol**  
**Safety** ✓



Controlling Workplace Hazards

**Protecting  
Worker Health**



**Occupational  
Hygiene Services**

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# Shorcontrol Safety

Shorcontrol Safety is Ireland's leading provider of Safety Training, Safety Equipment, and Occupational Hygiene Consultancy services, dedicated to ensuring the highest standards of safety across various industries.

Based in Naas, County Kildare, Ireland, our custom-built, state-of-the-art headquarters and training facility offers a wide range of training programs at both operative and managerial levels.

Our Occupational Hygiene team operates nationwide and has recently extended its consultancy services to several European countries for global service providers. We specialize in assessing, reporting and controlling physical, chemical and biological health risks in the workplace, including exposure to noise, dust, and chemicals. With over forty years collective experience, we've been in almost every working environment imaginable! We've developed personal relationships with multiple international analytical laboratories, and have worked with diverse contaminants from APIs to Endotoxins. Every report undergoes peer review to maintain consistency and accuracy.

Shorcontrol Safety's impressive client base spans pharmaceutical multinationals, the tech sector, construction companies, and semi-state bodies. Our ambition is to expand further and become a leading Safety Organization both at home and abroad, known for exceptional Safety Training, Occupational Hygiene Services, and Personal Protection Equipment. We are committed to our customers and learners, striving to uphold the highest professional standards in all our services.



*Shorcontrol are in the unique position in Ireland of having a team of occupational hygienists under one roof, alongside contracted consultants, which allows us to accumulate expertise in some of the more unusual areas. It is also a great help when it comes to problem solving, and having greater flexibility covering sites across Ireland and Europe.*

# Occupational Hygiene Consultancy

Occupational hygiene can be summarised as being the "Recognition, Evaluation, Control and Prevention of ill health in the workplace" from a variety of hazards that generally fall under the categories of chemical, physical (noise, heat, vibration), biological (endotoxins, moulds), and ergonomic. It is a vital but frequently overlooked aspect of health and safety – in Ireland far more people (nearly a hundred times more!) die from occupational diseases each year than from accidents (such as falls from heights etc.) and the disability, distress and lost time due to work-related illness is enormous. Good Occupational Hygiene practice aims to prevent serious illnesses like cancer, asthma, skin diseases and deafness.



## Food/Drink

Flour dust, noise, chemical/gas exposure



## Pharmaceutical

Exposure to APIs



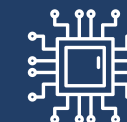
## Data Centres

Noise, Heat Stress, Diesel Exhaust Fumes, Air Quality



## General Manufacturing

Noise/vibration, industrial chemicals, ergonomics, paint spray



## Electronics

Solder fume exposure, toxic metals



## Healthcare

Waste anaesthetic gas, formalin, sterilants












## Medical Devices

Solvent exposure, sterilant gases

# Occupational Hygiene Risks

Many of the main risks and industries are well known, others less so. We have amassed considerable experience in a wide range of sectors covering chemical, biological and physical agent hazards (including noise, vibration, heat stress, air quality, moulds and endotoxins) along with the more traditional hazards (such as fumes, chemicals, wood, silica dusts and other hazards). We are also involved in API monitoring in the pharmaceutical industry for several years, drafting risk assessments and control measures for substances with very limited available toxicological and safety data.

 Noise	 API
 Chemical	 Containment validation /verification
 Whole Body Vibration	 Dust
 Fumes	 Metals
 Thermal/Heat Stress	

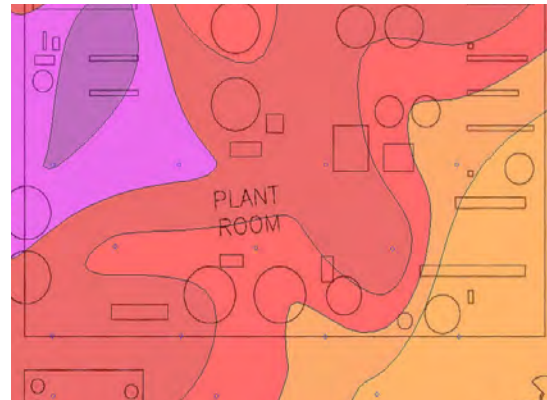
## Case Studies

### Hexavalent Chromium



A Cr VI identification survey discovered large deposits of this dangerous, carcinogenic chemical on the exhaust system of an emergency generator, as well as on the nearby engine that was the original target of the survey.

### Noise



A comprehensive noise survey was conducted for a client within a large co-location data centre in Switzerland. A combination of handheld SLM and personal noise dosimetry was conducted to assess noise exposures, and a detailed noise contour map was generated for one of the data halls.

### Healthcare



Many of the preservative chemicals routinely used in Hospital laboratories are volatile and toxic, particularly formaldehyde. Leveraging years of experience, Shorcontrol Safety has partnered with numerous hospitals nationwide to expertly manage and control exposure to these hazardous substances, ensuring a safer working environment for healthcare professionals.

### Chemicals



We've conducted multiple studies of exposure to cleaning and sterilizing chemicals for the pharmaceuticals and medical devices industries. These critical tasks often involve spraying volatile alcohols or chlorinating agents in close proximity to operators' faces in relatively confined spaces. What may appear as similar tasks can yield dramatically different results based on subtle changes in operating parameters, highlighting the complexity that often underlies seeming simple tasks.

### Biological



A company handling substantial quantities of potent enzymes sought to evaluate the health risks from potential exposure to these biologically active substances. This ambitious project required innovative monitoring techniques, close collaboration with an analytical laboratory, and strict adherence to hygiene standards to prevent sample contamination, ensuring accurate and reliable results.



## The Occupational Hygiene Team

The Occupational Hygiene team at Shorcontrol Safety is a tight-knit and dynamic group with many years of practical experience between them. As part of Ireland's leading Occupational Hygiene Consultancy, the team addresses hazards such as chemicals, indoor air quality, and noise/vibration, serving sectors like pharmaceuticals, food and drink, aviation, tech, and medical devices both in Ireland and Europe. The team operates from a state-of-the-art head office in Naas, conducting extensive fieldwork and providing expert advice.

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Phone: (045) 898 198 | Email: [info@safety.ie](mailto:info@safety.ie)

Shorcontrol Safety, Naas Industrial Estate, Naas,  
Co. Kildare, Ireland | Eircode: W91 NYE8