

HEALTH & SAFETY SOLUTIONS

Around the world
Under the earth
Above & beyond

› Through years of providing truly cost-effective solutions to workplace hazard exposures and non-compliance issues, Golder's experience covers a wide range of Occupational Health and Safety services. Some of the more sought after services in both an office and industrial setting include: Asbestos Containing Material Surveys and Air Monitoring Analysis, Mould and Moisture Investigations, Indoor Air Quality (IAQ) Assessments and Hazardous Materials Surveys.



ASBESTOS CONTAINING MATERIAL SURVEYS AND AIR MONITORING ANALYSIS:

When buildings constructed before 1986 require maintenance, renovations, upgrading or demolition, building owners and operators have stringent regulatory requirements on how to manage asbestos-containing materials. Golder can design a compliant solution that meets all of your needs. Typical services include:

- Asbestos building material surveys (in accordance with provincial regulations and codes);

- Investigations for due diligence and property transfer;
- Training and education;
- Preparation of contract specifications and tender documents;
- Electronic Database management solutions; and
- Air monitoring analysis and project management during remediation activities.

Golder recognizes that asbestos abatement must be conducted in a professional and expedient manner. Golder can provide air monitoring, daily site inspections, and the documentation required to demonstrate due diligence in today's liability conscious world. Air monitoring is conducted in accordance with standard methods developed by the National Institute for Occupational Safety and Health (NIOSH), and strict, in house quality control, and quality assurance measures.

MOULD AND MOISTURE INVESTIGATIONS:

The presence of mould and moisture on building materials in an indoor environment can provide the conditions necessary for micro organisms to grow and potentially compromise the health and safety of

building occupants. Golder's qualified team of Industrial Hygienists and practitioners can help you with:

- Conducting mould investigations and assessments;
- Air monitoring and bulk/surface sampling;
- Training and education;
- Remediation design and project management; and
- Building science / water damage assessments.



INDOOR AIR QUALITY (IAQ) ASSESSMENTS:

A) OFFICE SETTING

Increasing awareness of sick building syndrome has made IAQ an issue of greater importance for many businesses. IAQ problems can result in lost productivity, increased employee absenteeism, and negative health consequences for individuals and organizations.

Golder can provide air sampling and analysis for common variables associated with poor IAQ problems. Some of these variables include; temperature, relative humidity, carbon dioxide, carbon monoxide, volatile organic compounds, formaldehyde, UFFI, nitrogen oxides, respirable and total particulates.

B) INDUSTRIAL SETTING

Some of the more common contaminants measured in an industrial setting include:

- Volatile organic compounds;
- Lead, cadmium, chromium and other heavy metals;
- Benzene, toluene, ethyl benzene and xylenes;
- Noise heat and vibration; and
- NORM and other radiation.

HAZARDOUS MATERIALS SURVEYS:

Hazardous Materials Surveys are performed to identify the presence of hazardous materials as required under the Occupational Health and Safety Act prior to demolition or large scale renovation activities. The hazardous materials substances surveyed for can include: Acrylonitrile, Arsenic, Asbestos-Containing Materials (ACM), Benzene, Coke Oven Emissions, Ethylene Oxide, Isocyanates, Lead, Mercury, Silica, and Vinyl Chloride. In addition, ozone-depleting substances (ODS) and polychlorinated biphenyls (PCB) can be included in our assessment.



Global Issues



Local Solutions

- ▶ Africa
+ 27 11 254 4800
- ▶ Asia
+ 852 2562 3658
- ▶ Australia and New Zealand
+ 61 7 3721 5400
- ▶ Europe
+ 44 1628 586 213
- ▶ South America
+ 55 11 6972 6400
- ▶ North America
 - ▶ Canada 1 800 414 8314
 - ▶ US 1 800 275 3281