

Air Sampling

Safeco Business Insurance Risk Control offers air contaminant monitoring through various techniques: preliminary surveys using observation and direct reading instruments, screening surveys using electronic survey meters, and detailed sampling using laboratory analysis of collected samples.

Measuring Contaminants

The purpose of the detailed industrial hygiene survey is to:

- Obtain specific information on the level of air contaminants existing at an employee workstation or in a general work area, for the determination of time-weighted averages (TWA) or maximum levels.
- Assess compliance with OSHA and professional standards.
- Define areas where air-contaminant controls are required and the necessary level of personal protective equipment (PPE) such as respirators.
- Develop guidelines for establishing engineering or administrative controls.
- Detailed gas and vapor or particulate surveys can consist of personal monitoring over a major portion of an employee's shift, area monitoring, with time and motion studies, or multiple short-term or grab samples. Most sampling will be on a partial shift basis, for a representative result, typical of other employees in similar jobs.



Delivering Survey Results

Safeco interprets sampling results, applying technical requirements, tempered by experienced judgment.

Safeco provides an interpretive report, using a multi-part approach to meet the varying needs of executives, production managers, and engineering or safety and health professionals. The report provides a record and recommendations, based on knowledge of workplace operations, personnel activities and existing controls.

Safeco consultants also assist in development and implementation of management, and respiratory protection or other personal protective equipment programs.

Solutions Suited to Your Business

- Services and products save management time — planning samples and interpreting results require concentrated effort.
- Enhanced employee relations — an improved workplace improves productivity.
- Management-oriented reports communicate solutions.
- Document OSHA compliance — many standards require air monitoring.
- Issues about PPE compliance have been the source of one of the top ten OSHA citations.
- Available loss control program plans and policies are required in hazard control, respiratory protection, PPE and medical surveillance.

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SPECIALIZED SERVICES

Industrial Hygiene Air Contaminant Monitoring

Inhalation via the respiratory tract is the most common occupational route of entry for chemicals in the workplace.



The primary technique for air sampling is quantitative, using laboratory analysis to measure the concentration. Qualitative sampling can identify what is in the air.

Safeco Insurance

For further information, contact your agent or your **Safeco Business Insurance Risk Control Representative.**

Internet:
www.safeco.com/riskservices

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