

NOISE SAMPLING & SURVEILLANCE

Safeguard Your Employees' Hearing With Expert Safety Consulting

Ensure the safety of your employees and prevent occupational hearing loss with Safety Solutions and Supply's noise sampling and surveillance service. Our team of experts provides comprehensive work area noise sampling, employee dosimetry, and hearing conservation program (HCP) development to manage noise levels effectively. We are dedicated to helping organizations comply with OSHA regulations and prioritize the protection of their employees.

Summary

Our noise sampling and surveillance service assists organizations in evaluating noise levels and preventing occupational noise-induced hearing loss. The service involves measuring noise levels in work areas, monitoring worker exposure, and quantifying risks to safeguard employees from excess noise. Our safety professionals can assist employers in developing a compliant and effective hearing conservation program that includes engineering and administrative controls and recommendations for personal protective equipment (PPE).

Our approach to assessing workplace noise levels involves three steps:

1. Compile a comprehensive list of all potential sources of noise.
2. Conduct a detailed sound level mapping or octave band analysis.
3. Monitor individual employee noise exposure using personal noise dosimeters to measure the time-weighted average (TWA) for noise exposure.

We then analyze the data collected to determine whether the noise levels in the workplace meet OSHA standards. Following the analysis, we generate a comprehensive report that provides recommendations and remediation measures to reduce noise exposure and ensure workplace safety. Our service is designed to assist businesses in complying with noise exposure limits and maintaining a safe working environment.

Procedure

Pre-Sampling

- Schedule a meeting with management and employees to understand the project's scope.
- Identify potential sources of noise.
- Group employees based on similar exposure groups (SEG).

Sampling

- Choose the appropriate sampling equipment.
- Perform sound level mapping and octave band analysis.
- Monitor individual employee noise levels.

Analysis

- Generate a detailed report and compare the results with OSHA standards.
- Provide recommendations and remediation measures.

Follow-Up

- Conduct regular noise assessments to track and monitor noise levels.
- Provide training to ensure staff understands the risks of noise exposure.
- Assist with engineering and administrative controls and make PPE recommendations.