



- › Regulatory Applicability Assessments
- › Employee Chemical Exposure Monitoring
- › Performance Measurement Programs
- › Employee Training/Involvement Programs
- › Process Safety Management
- › Noise Survey, Dosimetry, Area and Ordinance Compliance Evaluation
- › Written Compliance and Best Management Programs
- › Incident Investigations/Analysis
- › Train-the-Trainer Programs
- › Industrial Hygiene Health Hazard
- › Risk Management
- › Ergonomics Assessments
- › Indoor Air Quality Investigations
- › Asbestos, Lead-Based Paint, & Fungal/Mold Assessments
- › Loss Control Services and Prevention Strategies
- › Health and Safety Audits
- › Loss Prevention Strategies

## Service Overview

Nova offers a wide range of services related to workplace health and safety hazards and compliance with health and safety regulations. Its professional staff can help identify, evaluate, and control health and safety problems in commercial and industrial settings. Projects often address employers' regulatory and liability concerns and respond to employee questions or complaints. Typical projects require a facility walk-through to identify potential hazards that may lead to accidents, illnesses, hearing loss, or repetitive motion injuries. Sampling and testing can be performed to measure potential exposure to airborne chemical hazards or excessive noise or heat. Evaluations may also entail an analysis of engineering control strategies, including ventilation systems, process modifications, product substitution, or personal protective equipment. Expert witness testimony and advisory services are provided to clients involved in regulatory or health-related claims.

## Experience

Nova specializes in employee health and safety, employing Certified Industrial Hygienists and Safety Professionals. They offer regulatory compliance and improvement services aimed at preventing workplace exposures. Their services include air monitoring, compliance reviews, employee training, and audits, using advanced equipment for air and noise monitoring. Nova also develops programs for hazard communication, hearing conservation, respiratory protection, and other safety protocols, addressing various OSHA and health compliance issues.



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## CASE STUDY

### Pork Product Smoke Houses Summary

A food-producing company contracted Nova to evaluate potential employee exposure to smoke from its pork smokehouse facility. The client's concern was potential exposure to by-products from the incomplete combustion of wood chips used in the smokehouses to add smoke flavor and aromas to pork products. Nova conducted a workplace exposure assessment, which included an evaluation of the smoke-generating equipment and smokehouse seals and air sampling.

### Solution

The assessment determined additional modifications were required to prevent smoke escaping into workspaces and exposing employees. Additional maintenance was scheduled to improve smokehouse door seals. Ventilation improvements reduced the loss of smoke into workroom air during operations.