



Recognition, Evaluation & Control of Industrial Exposures

Industrial Exposure Science, LLC provides industrial hygiene consulting, exposure assessment strategy, and occupational health support for manufacturing, metal processing, construction materials, and other high-hazard industrial operations.

Core Services

Exposure assessment strategy
SEG development
Industrial hygiene risk assessment
Exposure monitoring program design
Exposure control strategy and planning
Exposure control evaluation
Regulatory and technical support

Industries Served

Manufacturing | Clean Room Operations
Electronics Manufacturing | Construction
Metal Processing | Foundries | Plating
Construction Materials | Heavy Industry

Technical Focus

Metals exposure evaluation
Integrated exposure interpretation
Statistical/data-driven interpretation
Clean room operations
Occupational exposure controls
Complex occupational exposure assessment
Exposure modeling and control evaluation

Representative Experience

Multi-site exposure assessment strategy development

Designed and implemented industrial hygiene exposure assessment strategies across multi-site manufacturing operations.

Welding fume ventilation effectiveness evaluation

Evaluated welding fume ventilation effectiveness using pre/post intervention exposure monitoring and statistical interpretation of air monitoring data.

Predictive confined-space exposure assessment

Modeled anticipated confined-space exposure conditions to support specification of engineering controls and respiratory protection requirements.

Quantitative toxic gas and release modeling

Performed quantitative modeling of toxic gas infiltration and chemical release scenarios to support risk management decisions.

Regulator-facing technical support

Supported regulator-facing technical discussions regarding occupational exposure interpretation and industrial hygiene controls.