



Safety and Industrial Hygiene Services for Retail Industry



Comprehensive Solutions to Safeguard Your Workforce and Customers

In the dynamic and fast-paced retail industry, ensuring the safety of customers and employees and maintaining compliance for your retail spaces is paramount. Retailers must develop and implement comprehensive procedures and programs to enhance safety performance and create a healthy environment for building occupants. Adequately and promptly addressing employee concerns and complaints, including those related to OSHA standards, is also essential. Issues like indoor air quality, mold exposures, and safety hazards such as inadequate walking and working surfaces, lack of safety equipment, poor lighting, excessive noise and improper material handling must be resolved to ensure a compliant and productive work environment. Furthermore, providing comprehensive worker training can equip employees with the knowledge and skills needed to perform their duties safely and efficiently. This includes training on handling hazardous materials, operating equipment like forklifts, and adhering to safety protocols.

Retailers also face challenges when leasing or acquiring new spaces, or divesting properties. Conducting thorough due diligence for these activities helps identify potential risks and liabilities and confirm that the space is suitable for your business needs. Pre-renovation or demolition surveys should also be conducted to address concerns related to hazardous building materials to ensure renovations or demolitions are conducted safely and in accordance with regulatory requirements.

By prioritizing these areas, retail businesses can create a safer, more secure and compliant environment for their employees and customers.





Safety and Industrial Hygiene Services Overview

Creating Cost-Effective Solutions to Improve Performance while Minimizing Risk

TRC partners with our clients to assist them in reaching their occupational safety and industrial hygiene performance goals and objectives by providing innovative cost-effective strategies to minimize risk and maintain regulatory compliance.

TRC specializes in controls that reduce risks, offering practical solutions that are integrated with our clients' current operational practices. TRC also uses the latest technology and cloud-based tools to provide focused and highly customized solutions to successfully manage occupational exposures and reduce potential health and safety hazards. Through on-site assessments,

development of exposure monitoring plans, job hazard and safety analysis, program oversight and more, our experts deliver strategies to close compliance gaps, improve overall safety performance and enhance safety cultures. Our team is committed to collaboration and building long-term partnerships to provide safety and industrial hygiene program support.

Our team of professionals are leaders in the areas of safety, industrial hygiene, indoor air quality, regulatory compliance, hazardous building materials management and more.





Our Services

Safety Services

Retailers uphold an important responsibility to protect the health and safety of their workers. TRC's experienced safety professionals help retail clients identify applicable health and safety requirements and then prepare and implement a program to assure compliance and workplace safety. Our approach includes recognition of the applicable requirements, development of programs or procedures to meet the requirements and establishment of the proper tools and equipment for safe operation. We also provide training and support to implement and maintain the compliance program.

Services include:

- Safety program development and gap analysis
- Hazard assessments for material handling operations and workplace safety
- Hazardous material evaluations and compliance support
- Training – hazard communication, fall protection, material handling, etc.
- OSHA Voluntary Protection Program (VPP) assessments

Industrial Hygiene Assessments

An effective industrial hygiene program can reduce risk of injuries and illnesses occurring and support your bottom line. TRC's team of Certified Industrial Hygienists (CIHs) focuses on comprehensive, programmatic approaches to address your industrial hygiene needs, emphasizing the importance of anticipating workplace hazards before exposures occur. We strive to help clients attain risk management, cost containment and OSHA compliance goals by investing time to understand your operations, monetary constraints and priorities.

Services include:

- Program evaluation and development
- Job hazard surveys
- Industrial hygiene assessments and exposure monitoring

Our solutions are tailored to our clients need and utilize customized digital tools to provide real-time data and facilitate transparent communication.





Asbestos-Containing Materials (ACM) Surveys, Abatement Oversight, Air Monitoring and Clearances, and Operations and Maintenance Programs

Many common building materials contain asbestos, which requires proper management and disposal to protect the health of building occupants. In addition, The Occupational Safety and Health Administration (OSHA) requires that employers keep asbestos exposure levels below 0.1 fibers per cubic centimeter of air over an eight-hour period, requiring building owners to proactively monitor for asbestos.

Services include:

- Small-scale surveys prior to renovation or remodel projects
- Full-scale demolition, abatement oversight, air monitoring and clearances
- Comprehensive multi-site asbestos management program development, audits and evaluations
- Development and implementation of asbestos operations and maintenance (O&M) plans to minimize building occupants' exposure to identified ACM

We have EPA-certified and state-licensed asbestos inspectors, management planners, project designers, project monitors, air sampling professionals and contractor/supervisors. Our accredited in-house laboratory offers cost-effective and quick turnaround of bulk asbestos and air sample analysis.

Lead-Containing Paint Surveys and Abatement Oversight, Air Monitoring and Clearances

TRC provides a variety of services in the field of Lead-Containing Paint management, including:

- Inspections
- Hazard assessments
- Due diligence
- Pre-renovation/demolition surveys
- Abatement project design/oversight, air monitoring and clearances
- Occupational exposure assessments
- Waste disposal characterizations
- Recordkeeping and management systems to support regulatory compliance

TRC helps clients understand the long-term costs of lead paint management by creating management and recordkeeping systems that are built to last. Our staff includes inspectors, risk assessors and project designers, with licenses in nearly every state and experience in paint, dust, soil, waste characterization and data analysis.





Indoor Air Quality Assessments

Maintaining safe air quality levels is vital to protect workers and customers from exposure to dangerous contaminants and airborne diseases. TRC provides comprehensive expertise in indoor air quality (IAQ) consulting, including sampling and evaluations tailored to specific problems in your building. Our staff are experienced in utilizing building science technology to diagnose sources of poor indoor air quality and identify opportunities for continuous monitoring and improved indoor air quality. We can install IAQ monitors, conduct air and surface sampling for contaminants, evaluate for water intrusion and inspect HVAC systems.

Emergency Response (Floods, Hurricanes, Large-Scale Water Losses)

When buildings experience damage from an emergency such as a major storm, flood, plumbing pipe break, fire or explosion, an efficient team response is key to getting back up and running. Our experts are positioned nationwide to serve as a vital part of your building emergency response team. We have responded to catastrophic weather events, including Hurricanes Katrina, Ike, Harvey and Helene, and can assess damages, develop and oversee restoration procedures and conduct follow-up assessments to help ensure safe re-occupancy and return to operation. Our commitment to quality reporting ensures that response efforts are thoroughly documented to support the insurance claims and litigation that often inevitably follow a catastrophic loss.

Mold Assessments and Remediation

TRC takes the uncertainty out of mold cases and manages risk by performing initial investigations, providing mold remediation work plans, and conducting remediation oversight, air monitoring and clearance/re-occupancy assessments. Our expert team is equipped with real-time instruments such as moisture meters, infrared thermal imaging and IAQ meters to detect moisture intrusion and evaluate indoor air baseline parameters. We also collect microbiological air, surface and bulk samples, dust/allergen samples and volatile organic compound air samples as needed to supplement the microbial investigation. Based on the field inspections and data collected, recommendations and specifications are developed to remediate microbial contamination and eliminate the moisture intrusion source.

Our team of CIHs, Certified Safety Professionals, Certified Hazardous Materials Managers, Professional Engineers (PEs) and Ph.D. scientists are trained to handle each case with professionalism, confidentiality and sensitivity to help stop complaints before they get out of hand.





OSHA Complaint Assessments and Expert Witness Testimony

TRC has in-depth knowledge and experience with assisting retail clients through an OSHA inspection and citation process.

Services include:

- Citation review and investigation
- Conference representation
- Coordination and collaboration with law firms to provide both technical and legal response and resolution to citations/violations
- Mitigation solutions
- OSHA inspection support and advisory

We also have experience providing expert witness testimony for safety and industrial hygiene cases that include workplace injuries or illnesses.

Our representation support to clients has included:

- Chemical exposures
- Construction related falls
- Environmental-related disease investigations, i.e., Aspergillosis, Legionella, etc.
- Fatalities
- Indoor air quality
- Mold exposure and property water damage
- Sewage back-ups

Phase I Environmental Site Assessments (ESAs) and Property Condition Assessments

Due diligence is the first step in identifying potential environmental liabilities or recognized environmental conditions (RECs) during a property transaction or prior to leasing retail space. Phase I ESAs identify RECs pursuant to the ASTM E1527-21 standard by evaluating activities involving hazardous substances, current and historical site use, existing environmental reports and data and other historical information. The purpose of the report is to assess if the current or historic subject property uses pose a threat to the environment and/or health.

Our team has performed thousands of Phase I ESAs for clients in the retail industry. Our Phase I ESA professionals and TRC's Transaction Advisory Services team provide our clients with a high quality and detailed assessment designed to limit environmental liability and to satisfy due diligence and innocent purchaser defense requirements. TRC has hundreds of professionals across North America and internationally that can quickly scope and execute Phase I ESAs for retailers.

TRC also maintains a nationwide staff of experienced building professionals solely dedicated to Property Condition Assessment (PCA) services. TRC assessors are trained in all aspects of the ASTM E2018 – 15 guidelines that outline methods for performing property assessments and developing baseline conditions reports. In addition, our assessors have strong backgrounds in architecture, engineering and building science disciplines. We regularly provide this type of due diligence for clients involved with real estate transactions, litigation and maintenance or improvement planning.



Delivering in the Market

TRC stands for adaptability. With direction setting perspectives and partnerships, our 8,000+ tested practitioners in advisory, consulting, construction, engineering and management services deliver unique resolutions that answer any built or natural imperative. By creating new pathways for the world to thrive, we help our clients adapt to change and achieve long-lasting results while solving the challenges of making the Earth a better place to live — community by community and project by project.

Location and Size:



~8,000 employees



150+ offices globally



\$1 billion Net Service Revenue (FY23)



\$1.273 billion Gross Service Revenue (FY23)

