

Machinery Breakdown

Improving maintenance, reducing risk



The Zurich Resilience Solutions Difference

76,000+
jurisdictional
object portfolio

13,000
inspections
conducted annually

3,000+
Diverse companies
serviced annually

Zurich Resilience Solutions Risk Engineering's Machinery Breakdown team focuses on solutions that reduce the frequency and severity of losses related to machinery breakdown through a proactive analysis of current operating practices.

Where to begin

Machinery Breakdown (MB) offerings provide customers with a comprehensive suite of tools and tailored services designed to help identify operational risks associated with their equipment. Our services include on-site consultative solutions to address these risks effectively.

Why choose Zurich Resilience Solutions

Zurich Resilience Solutions stands out in the marketplace by providing a dedicated Account Engineer who serves as a single point of contact for all of the MB risk engineering needs of an organization. Our team consists of National Board Certified engineers with a broad range of training and experience, enabling Zurich Resilience Solutions to respond swiftly to clients' needs across the country.

Customer service and risk mitigation are at the core of all our service offerings. With a value-added mindset, we strive to enhance existing risk management programs at both the local and corporate levels for all our customers.

Benefits of MB improvements

Regulatory compliance

Coordinating jurisdictional inspections to help ensure adherence to all inspection requirements, maintaining current operation certificates from relevant governing bodies and preventing potential overdue fines for our clients.

Increased productivity

Offering flexible scheduling for on-site consultative services to minimize operations disruptions (e.g., Saturday inspections).

Risk Improvement

Helping clients enhance the reliability and longevity of their equipment, reduce the likelihood of unexpected failures and minimize operational downtime, leading to cost savings and improved overall efficiency.

Industry Insights

Providing extensive technical knowledge across a wide spectrum of risks, granting access to valuable educational resources (e.g., Risk Topics).



Services include



Jurisdictional Servicing

Help ensure your equipment meets regulatory and safety standards through expert inspections and compliance assessments. Our certified professionals provide tailored guidance across various jurisdictions, helping you mitigate risks and maintain operational efficiency with confidence.



Risk Assessment

A comprehensive evaluation of equipment and operational processes to identify potential risks and vulnerabilities. This assessment provides actionable insights and recommendations to enhance equipment reliability, reduce downtime and prevent costly breakdowns.



Refrigeration Interruption Surveys

Detailed evaluations of refrigeration systems to assess potential risks and vulnerabilities that could lead to operational disruptions. These surveys help identify critical points of failure and provide actionable recommendations to ensure the reliability and continuity of refrigeration processes.



Fuel Fired Equipment Surveys

Help identify potential Carbon Monoxide exposures and recommend corrective actions to mitigate hazards and improve operational performance. These surveys entail thorough inspections and assessments of fuel-fired systems to ensure their safety, efficiency and compliance with industry standards.



Effective Boiler Management Training

Effective Boiler Management Training equips clients with the knowledge and skills necessary to operate and maintain boiler systems safely and efficiently. This training focuses on best practices, safety protocols and preventive maintenance techniques to optimize boiler performance and minimize the risk of failures.



Additional Service Offerings

Our team enhances its capabilities by collaborating with a network of specialized vendors in the industry. These relationships allow us to offer an extended range of expert services and solutions, ensuring comprehensive risk management and tailored support for our clients.



Contact us:



800-982-5964

risk.engineering@zurichna.com

us.zurichresilience.com

Zurich Resilience Solutions

1299 Zurich Way, Schaumburg, IL 60196-1056

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