



Trinity Consultants is a leading global consulting firm that brings 50 years of experience providing services and solutions in the EHS Regulatory Compliance, Built Environment, Life Sciences, and Water & Ecology markets. Within our Built Environment Division, we bring together renowned firms—Cerami, Longman Lindsey, Valcoustics, Jaffe Holden, and WorkingBuildings—under one banner. From cultural landmarks to mission-critical facilities, we deliver innovative solutions in acoustics, technology, commissioning, and operational support, driven by excellence and human-centered design.

We provide comprehensive vibration consulting services designed to support every stage of the built environment—from early design through construction and ongoing operation. Our team delivers data-driven insights and practical recommendations that ensure building performance, occupant comfort, and protection of sensitive equipment.

Through advanced analysis, measurement, and modeling, we identify and address potential vibration concerns before they impact projects. Our approach allows clients to make informed design and operational decisions while maintaining compliance and minimizing costly retrofits.

Our Expertise

Vibration Feasibility Studies

Early-stage assessments to evaluate site conditions, predict vibration sensitivity, and establish design performance criteria.

Environmental Vibration Analysis

Measurement and modeling of ground-borne vibration from transportation, construction, and environmental sources to inform design and mitigation strategies.

Structural Vibration Recommendations

Engineering-based solutions for reducing vibration transmission through foundations, framing, and architectural systems.

Building Vibration Consulting

Design guidance for vibration-sensitive environments such as laboratories, hospitals, performance venues, and manufacturing facilities.

High-Sensitivity Noise & Vibration Monitoring

Real-time measurement of low-frequency vibration and acoustic activity for sensitive equipment and precision spaces.



Construction Vibration Monitoring

Continuous vibration tracking and reporting to safeguard adjacent structures, maintain compliance, and support contractor accountability.

Vibration Troubleshooting

Diagnostic investigation and mitigation of unwanted vibration sources impacting building operations or occupant comfort.

Our Vibration Services provide **expert analysis, precise measurement, and actionable solutions**—helping clients design, build, and operate environments that are stable, compliant, and optimized for performance.

CONTACT OUR TEAM!

For more information about how we can help your organization, please contact us.

Trinity Consultants | Built Environment
built-info@trinityconsultants.com

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