

A photograph of a construction site with a noise and vibration monitoring station in the foreground. The station consists of a microphone on a tripod and a control unit. In the background, there are large industrial structures, possibly part of a power plant or refinery, under a clear sky.

Noise and Vibration Monitoring

SHEN MILSOM & WILKE

WHO WE ARE & WHAT WE DO

SM&W's core purpose is to provide guidance and creative acoustical and technology solutions to make the places we work, play, learn and live more functional, safe, and welcoming.

Originally founded as an acoustical firm in 1986, Shen Milsom & Wilke has become an internationally recognized consulting firm. Our projects range from extremely sensitive environments, such as SCIFs and laboratories; to heavily trafficked spaces, like transportation centers and construction sites. We understand that each project is different, and has specific needs. That's why our solutions are uniquely customized for each project or problem at hand.

We pair the knowledge and experience of our global acoustics team with the latest technology to provide custom and comprehensive noise and vibration monitoring services.

Our approach has been the key to the successful delivery of over eighteen thousand projects across more than 40 countries. We evolve with the architecture/engineering/construction industry in order to provide innovative solutions. We do this by utilizing advanced tools and applying fundamental physics and engineering principals to our projects, all while keeping aesthetic and end user needs at the forefront of our design.



Our **acoustical engineering and design** team offers comprehensive noise and vibration monitoring services for a wide variety of applications. From construction sites to highly sensitive labs or studio spaces, these services offer several key benefits, including:



IMMEDIATE ALERTS

Exceeding noise and vibration limits can have severe consequences for your project. Our monitoring systems transmit immediate alerts when critical levels are approached, allowing you to take action instantly.



TRANSPARENT REPORTING

Your project data is logged continuously, creating extensive records for analysis and reporting. This information is accessible any time, whether needed for compliance with regulations or internal analysis.



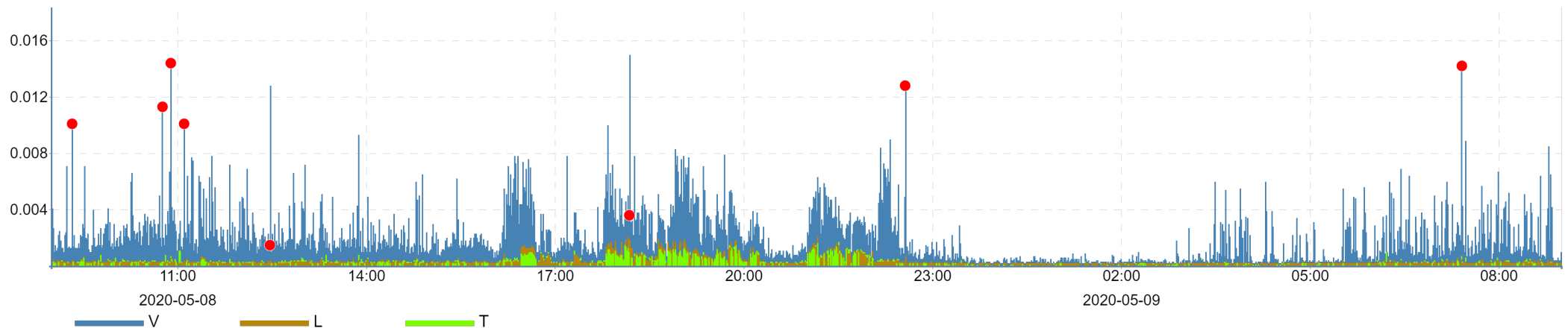
EXPERT ANALYSIS

SM&W's monitoring services are offered by the same global experts that you know and trust. With over thirty years in the AEC industry, our team is able to bring unmatched expertise to your projects.



LIMITED ON-SITE PERSONNEL

With our workforces deployed across the world, we understand the complexities of moving a project forward. Our monitoring services include expedient on-site set up and take down with all data accessible remotely, limiting on-site personnel.



DID YOU KNOW?

Did you know that many cities regulate construction noise and vibration by imposing maximum allowable limits?

Whether mandated through regulations or not, these prudent measures are important for public health and safety. From protecting adjacent properties during construction to safeguarding millions of dollars of sensitive lab equipment or creating benchmarks, SM&W has you covered. We monitor noise and vibration for the following environments:



OUR ACOUSTICS LEADERS

From engineering backgrounds to professionally-trained musicians, our acoustics team has a wealth of knowledge and experience that allow us to solve complex acoustical challenges. Our team is made up of over 20 qualified professionals, with a reach that extends to all corners of the globe.



James Merrill
PARTNER
Princeton, NJ



Robert Alvarado
PRINCIPAL
San Francisco, CA



Jerome Smith
PRINCIPAL
Denver, CO



Anthony Bontomase
PRINCIPAL
New York, NY



Dana Hougland
PRINCIPAL
Denver, CO

We are leaders in the industry because of our people.

Our team is committed to and involved in many industry associations in order to remain informed and collaborate across this unique design and engineering industry. Our collective knowledge and diverse skill set results in better ideas and solutions for the problems our clients face. Some of our industry affiliations include:

- > Acoustical Society of America (ASA)
- > American Society of Heating, Refrigerating and Air Conditioning Engineers (ASHRAE)
- > Institute of Noise Control Engineering (INCE)
- > National Council of Acoustical Consultants (NCAC)
- > American Society of Testing and Materials (ASTM)



Reduce the size of your project team. SM&W is proud to be a one-stop-shop for acoustics design, planning, testing, analysis, and monitoring. Our team of experts have decades of combined experience and have fine-tuned their craft. Why hire SM&W?

- > We proactively identify and plan for potential issues at the earliest point possible, offering up-front protection and helping avoid larger issues down the line.
- > We bring our extensive acoustics project experience, design and industry expertise, and global resources to your project.
- > By utilizing wireless monitoring systems, we are able to instantly alert clients if certain limits are reached.
- > We understand there is no one-size-fits-all solution. We customize our solutions based on each project's unique needs; purposefully advising and consulting our clients.



Located globally to better serve you.

Shen Milsom & Wilke is an international firm of more than 200 talented and dedicated professionals who provide technology and design consulting for new construction and renovation projects of all sizes.

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