



Capabilities Statement

Acoustic Engineering Design Services
Integrated Noise & Vibration Control Products and Systems
Supporting Secure Facilities, Federal Infrastructure.

CAGE: 1ART8 | UEI: CMBVSSJNN7U5

CORE COMPETENCIES

Secure Facility Acoustics

- SCIF Acoustic Isolation Design and STC-Rated Assembly Specification
- STC-Rated Acoustical Doors, Frames, and Integrated Seal Systems
- High-Performance Acoustic Glazing Systems
- Electronic Sound Masking for Speech Privacy in Sensitive Areas
- Acoustic Sealants and Penetration Sealing for ICD 705 Compliance
- Post-Installation STC Verification and Performance Documentation

Specialized Acoustic Modeling & Testing

- Sound Level Measurements
- Acoustic Performance Verification
- Equipment Noise Testing
- Environmental Noise Impact Assessments
- Infrastructure Vibration Assessments
- Noise Propagation Modeling and Mapping
- Community Noise Mitigation Strategies

Infrastructure Noise Control

- Mechanical Equipment Noise Mitigation
- Acoustic Barrier and Enclosure Systems
- Structural Vibration Isolation Design

GOVERNMENT APPLICATIONS

Memtech supports acoustic and vibration challenges in:

- Secure Compartmented Information Facilities (SCIF)
- Federal Laboratories and Testing Environments
- Transportation Infrastructure and Terminals
- Command and Control Centers
- Military and Defense Facilities
- Public Assembly and Government Buildings

DIFFERENTIATORS



Engineering-First Solutions

Focus on engineered controls addressing noise and vibration at the source.

Advanced Acoustic Diagnostics



Spectral analysis and vibration diagnostics identifying root causes of complex acoustic problems.

Integrated Professional Services



Acoustic modeling, field measurement, engineering design, and mitigation implementation delivered as a coordinated solution.

Secure Facility Expertise



Experience supporting acoustic isolation, speech privacy, and secure facility environments.

Field Validation



Post-installation testing and documentation verifying acoustic performance.

COMPANY DATA

SOCIO-ECONOMIC STATUS

Small Business

Minority Business Enterprise (MBE) Certified



NAICS

541330	541620	541380	541690
541370	238310	238990	423390

Work performed in accordance with:

ISO 1996, ISO 9613, ISO 3745, ANSI S12 Series, ASTM E336, ASTM E1007, OSHA 29 CFR 1910.95

PAST PERFORMANCE



**GOVERNMENT
BUSINESS POC**

Michael Castaño
Managing Principal

(248) 289-1123
info@memtechacoustics.com
www.memtechacoustics.com

2175 Avon Industrial Dr.
Rochester Hills, MI 48309