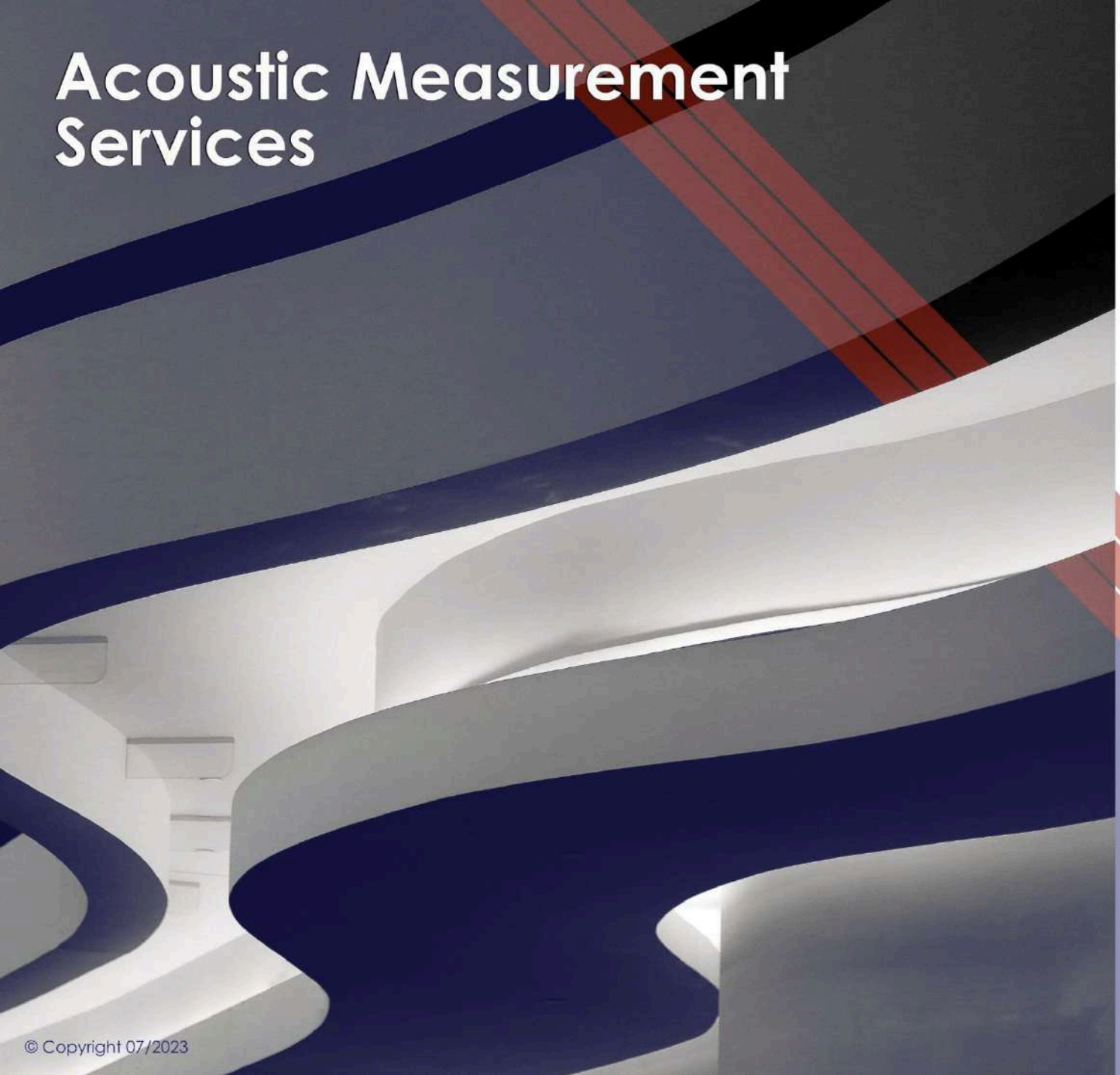
Acoustic Measurement Services



ALPHA ACOUSTIKI

In TUNE with YOUR needs

Over 40 Years of experience and expertise on acoustics, noise and vibration control

www.alphacoustic.com
www.vibro.gr

40+ years experience

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Company profile:

- Certified Acoustic Measurements - Acoustic Consultancy Company, Acoustic product design, production & installation, Acoustic Studies
- Experienced from study to project implementation
- Advanced measuring equipment
- Expertise in the field of Acoustics & Noise control for over 45 years

ALPHA ACOUSTIKI

40+years

In TUNE with YOUR needs

Measuring Equipment

Alpha Acoustiki S.A. is equipped with a complete series of Sound Level Meters and equipment for on site measurements including:

- Sound Level Meter NTi XL2
- Sound Level Meter BEDROCK AM100
- Sound Level Meter BEDROCK SM90
- Sound Level Meter Bruel&Kjaer 2250
- Sound Dose Meter Svantek 102

- Calibrator Brüel & Kjær, Type 4230
- Calibrator Bedrock BAC1

- Tapping machine for impact sound measurements PIKKIO
- Sound & Vibration Analyser Svantek 958A

- Omni-directional dodecahedron Sound Source

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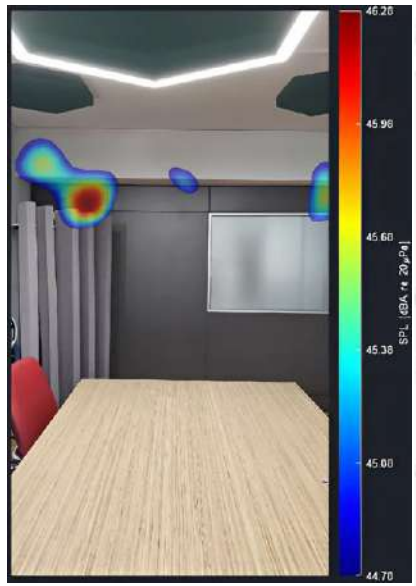


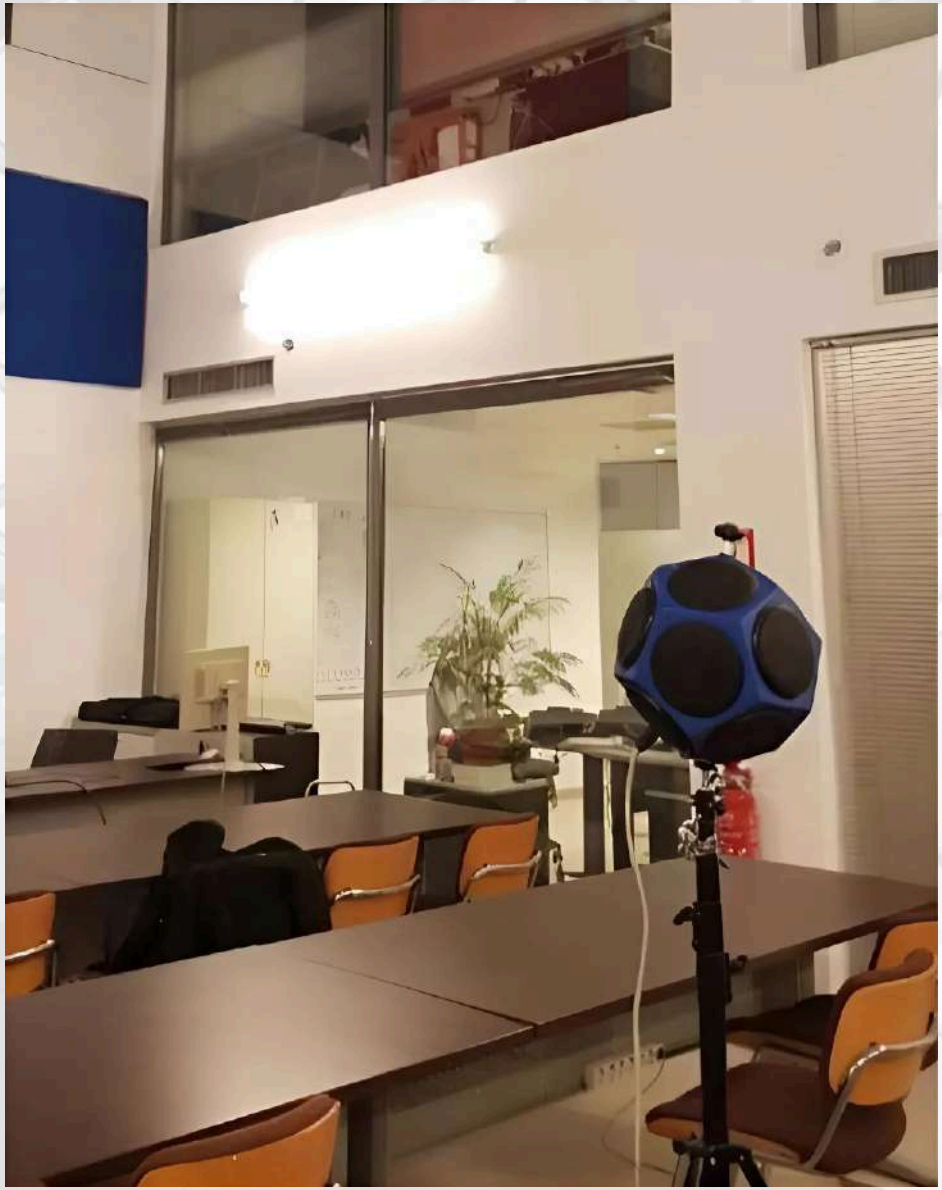
Measuring Equipment

Acoustic Imaging Camera

Alpha Acoustiki S.A. is equipped with a new Acoustic Camera
P50 - P132 starting from 250 Hz

- Generates detailed acoustic maps to identify noise sources.

- Ideal for industrial, construction, and environmental analysis, it helps detect machinery faults, ensure quality control, and evaluate noise insulation.



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Acoustic Measurement

Acoustic & Vibration Measurements

ALPHA Acoustiki S.A. uses advanced measurement equipment in order to provide a wide range of noise-vibration and room acoustics measurements which include among others:

- Industrial noise
- Environmental noise / Noise mapping, Long term logging and monitoring
- Occupational noise & vibration measurements, Dosimetry
- Mechanical systems noise estimation
- Vibration Measurements (Buildings , Industry & HVAC)
- Room acoustics parameters estimation (eg RT60, Early Decay Time, etc)
- Statistical acoustics
- Full STI

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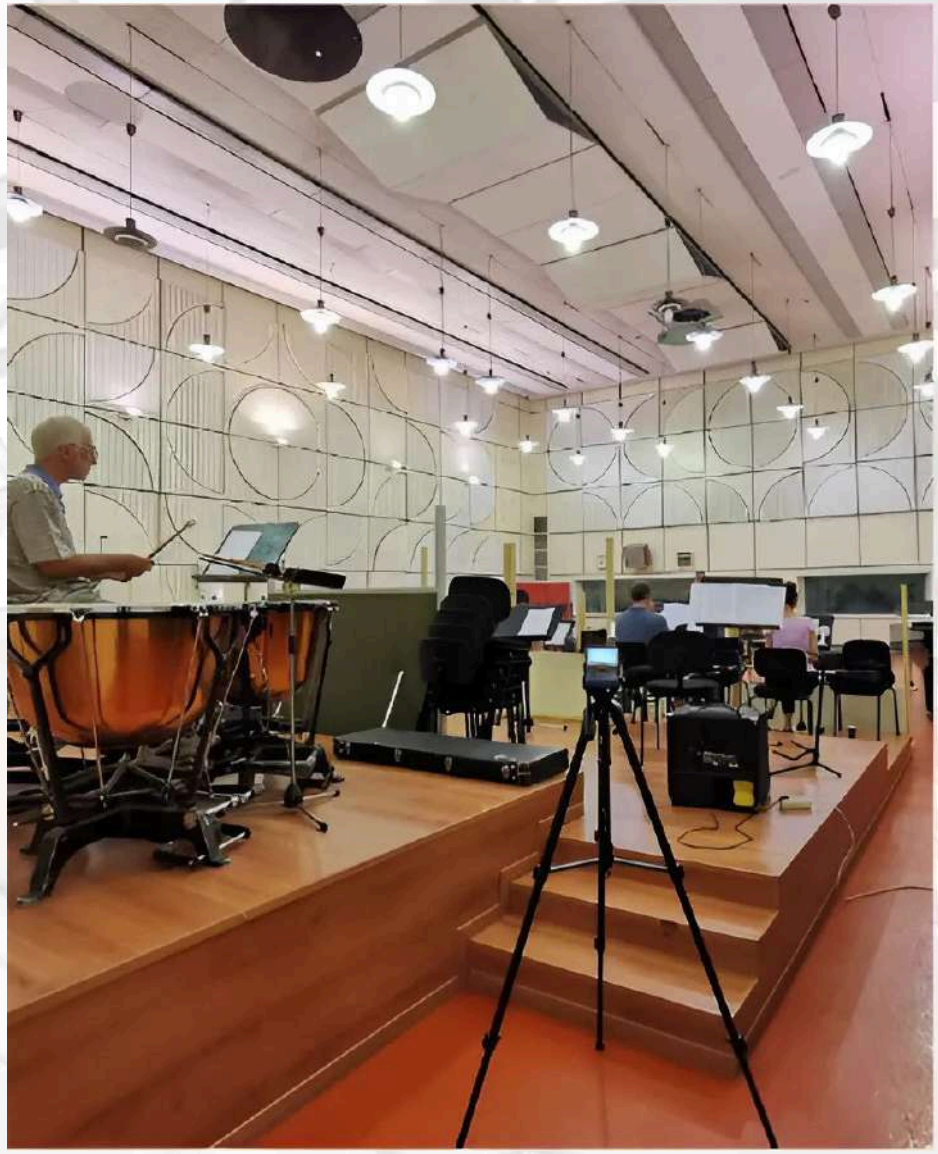
Acoustic & Vibration Measurements

PAST: Rt measurement with Terrasonde Audio Toolbox (2008)



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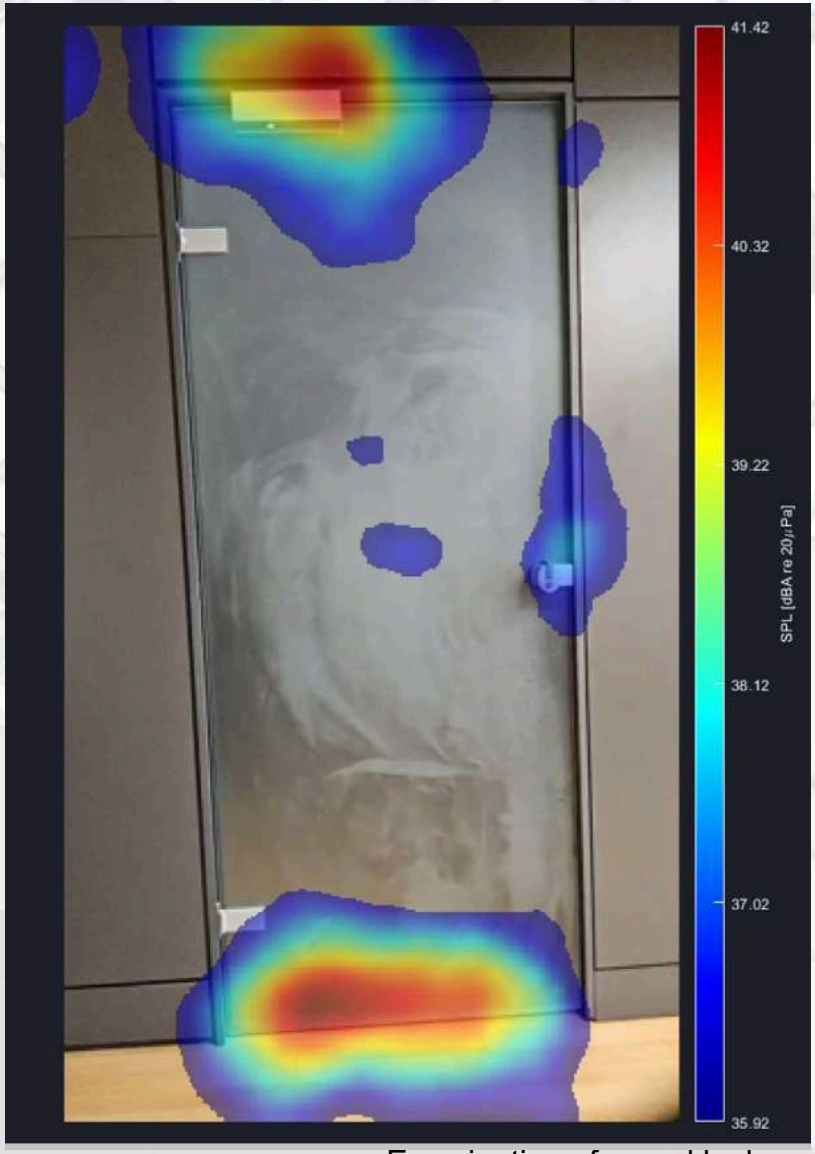
Acoustic Quality

Acoustic Camera



Examination of sound leakage

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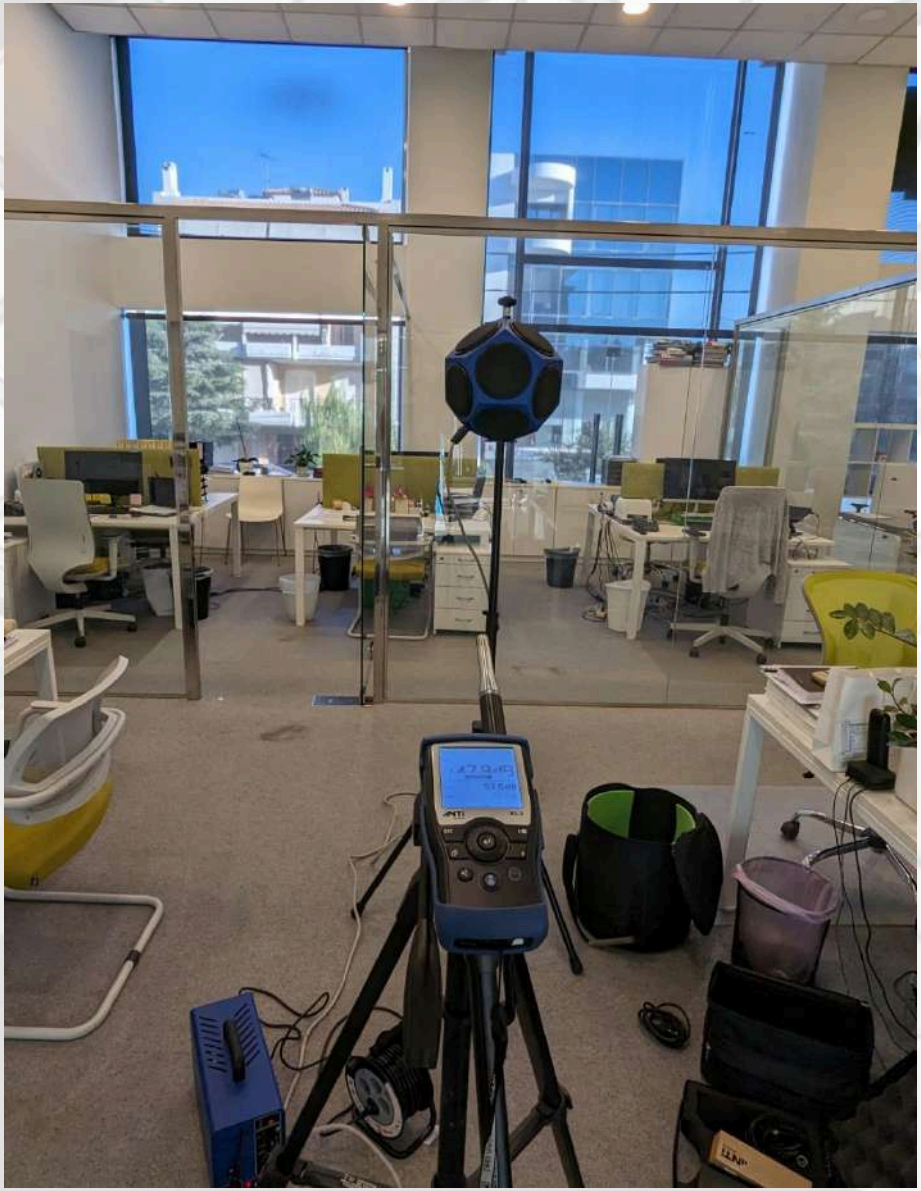
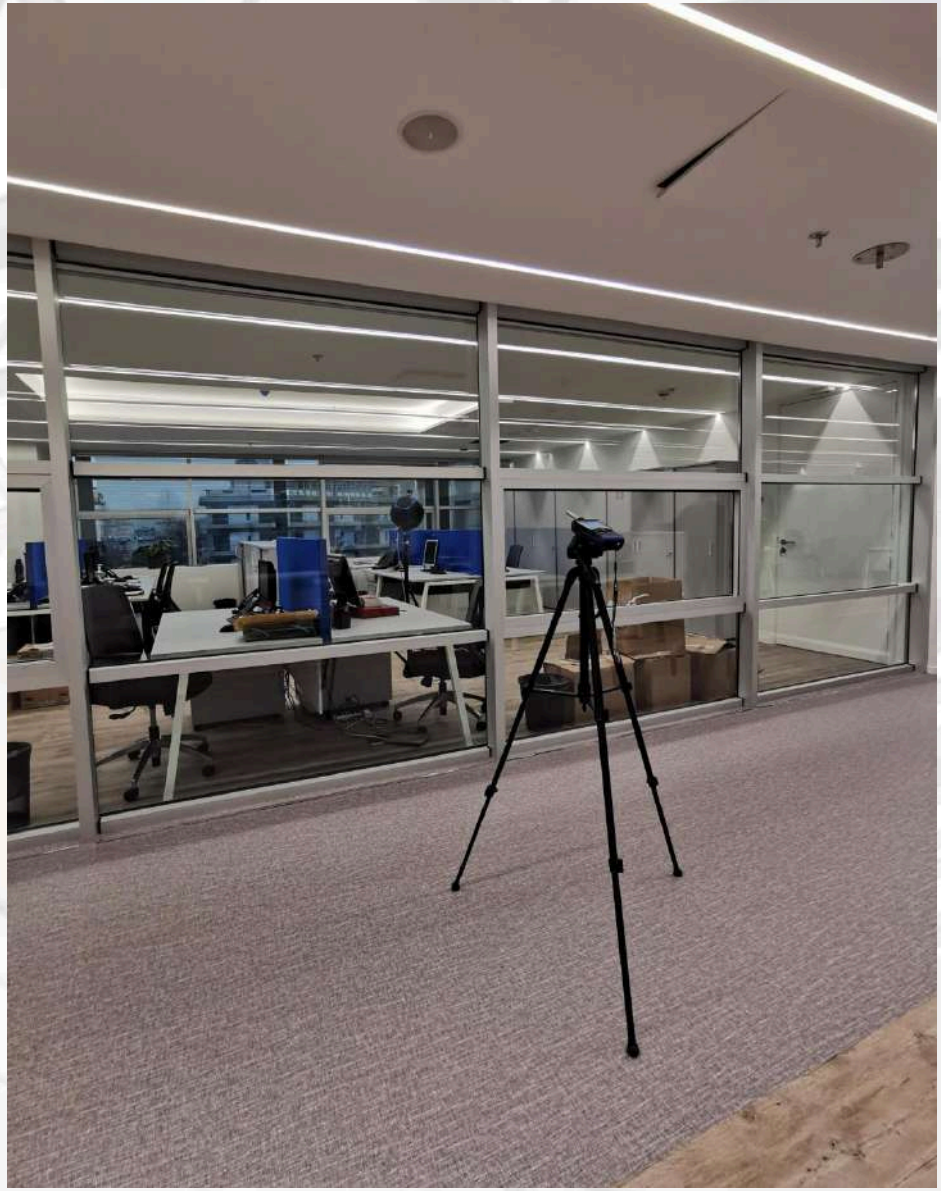
Acoustic Investigation





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Building Insulation

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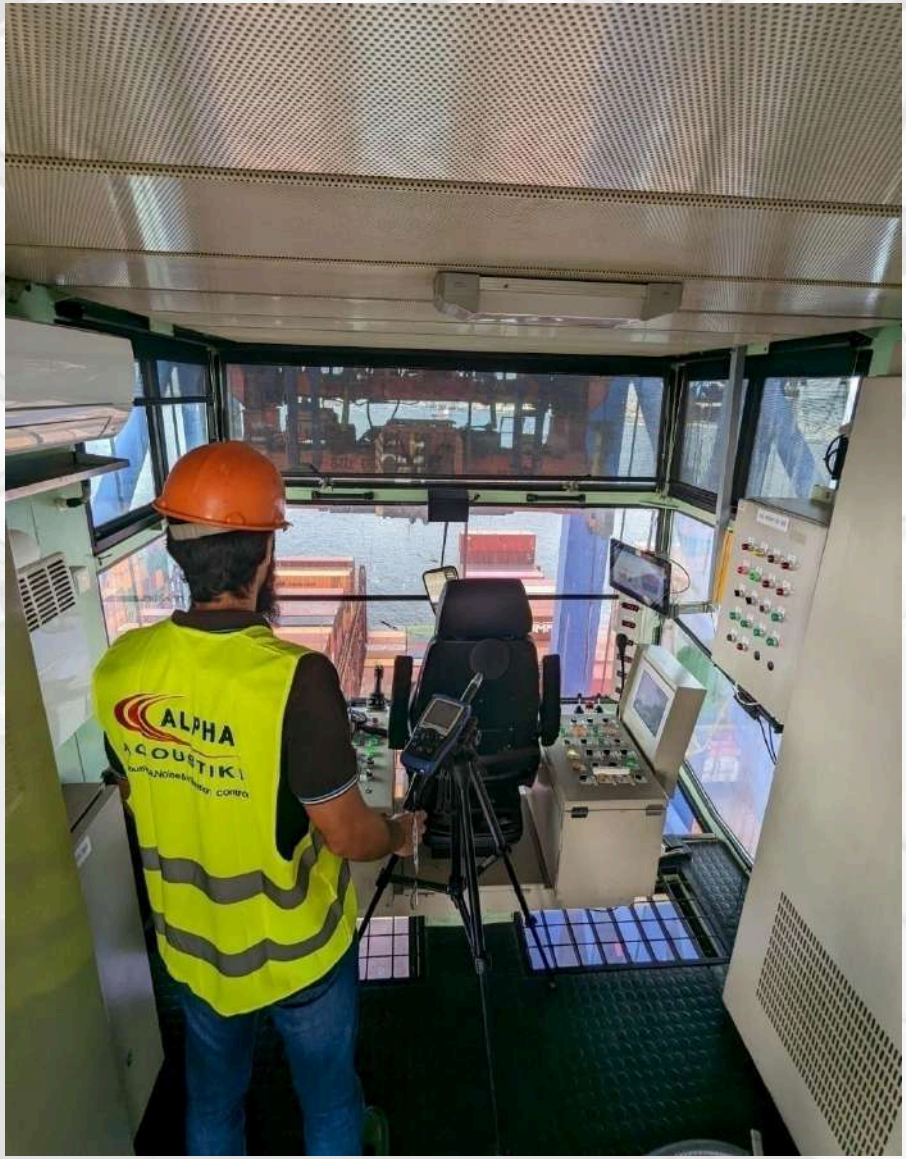
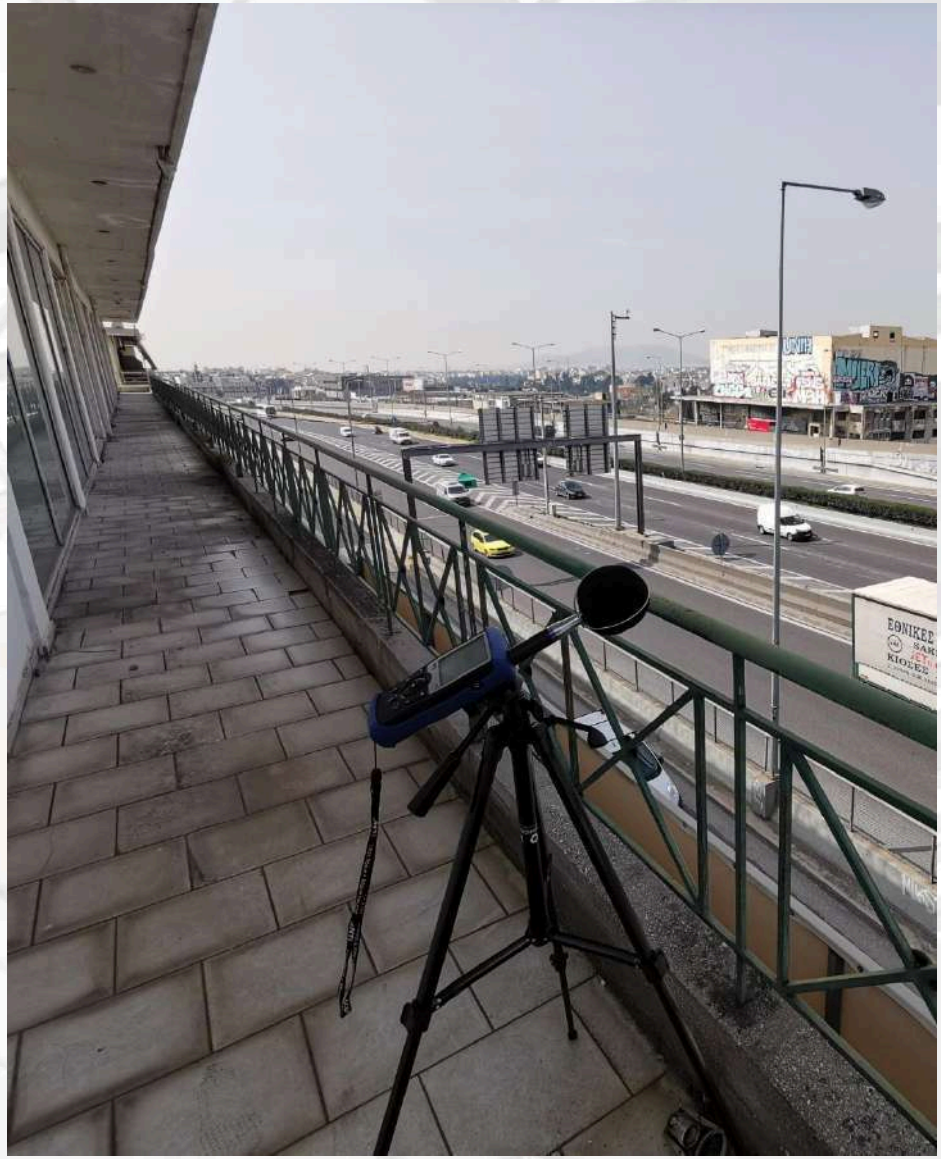
Building Insulation





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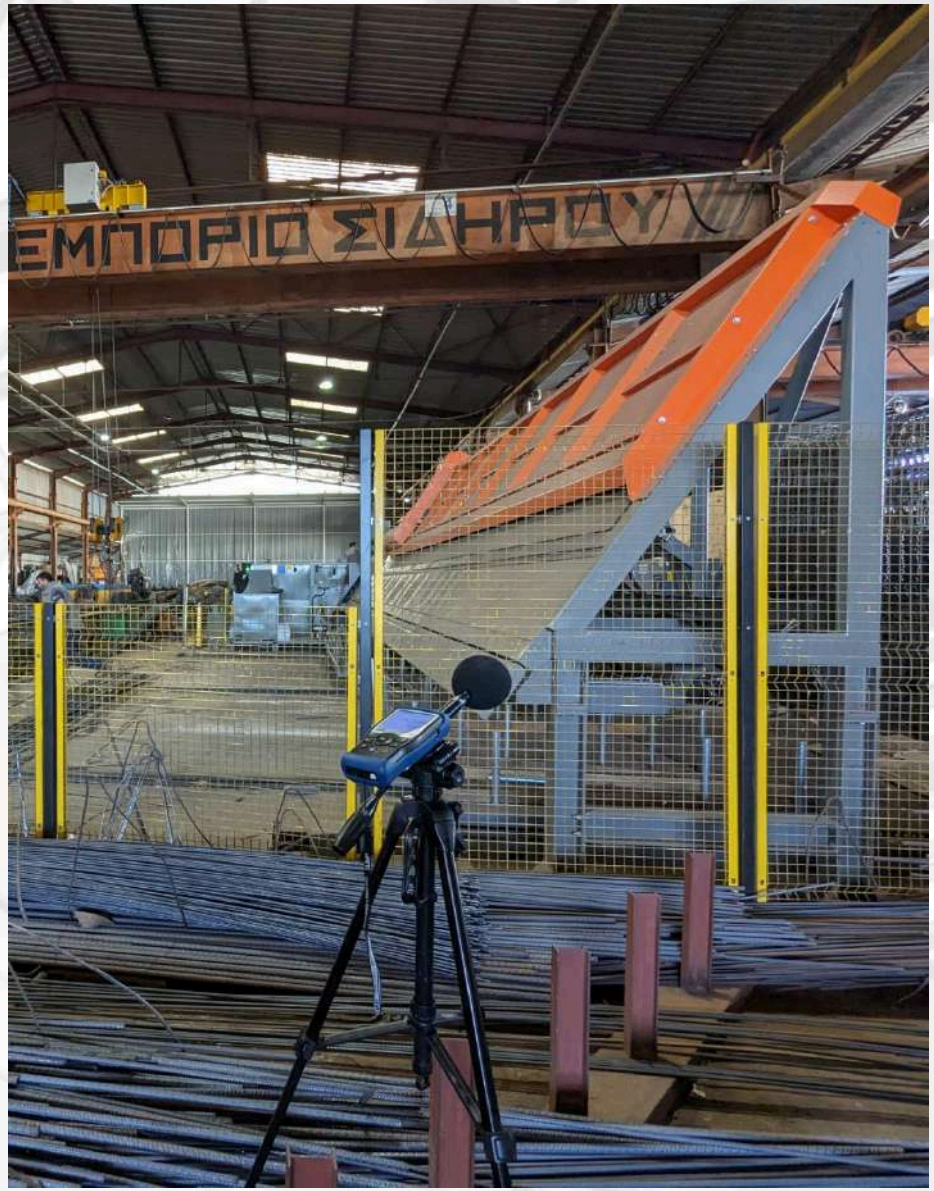
Environmental Noise



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Industrial Noise

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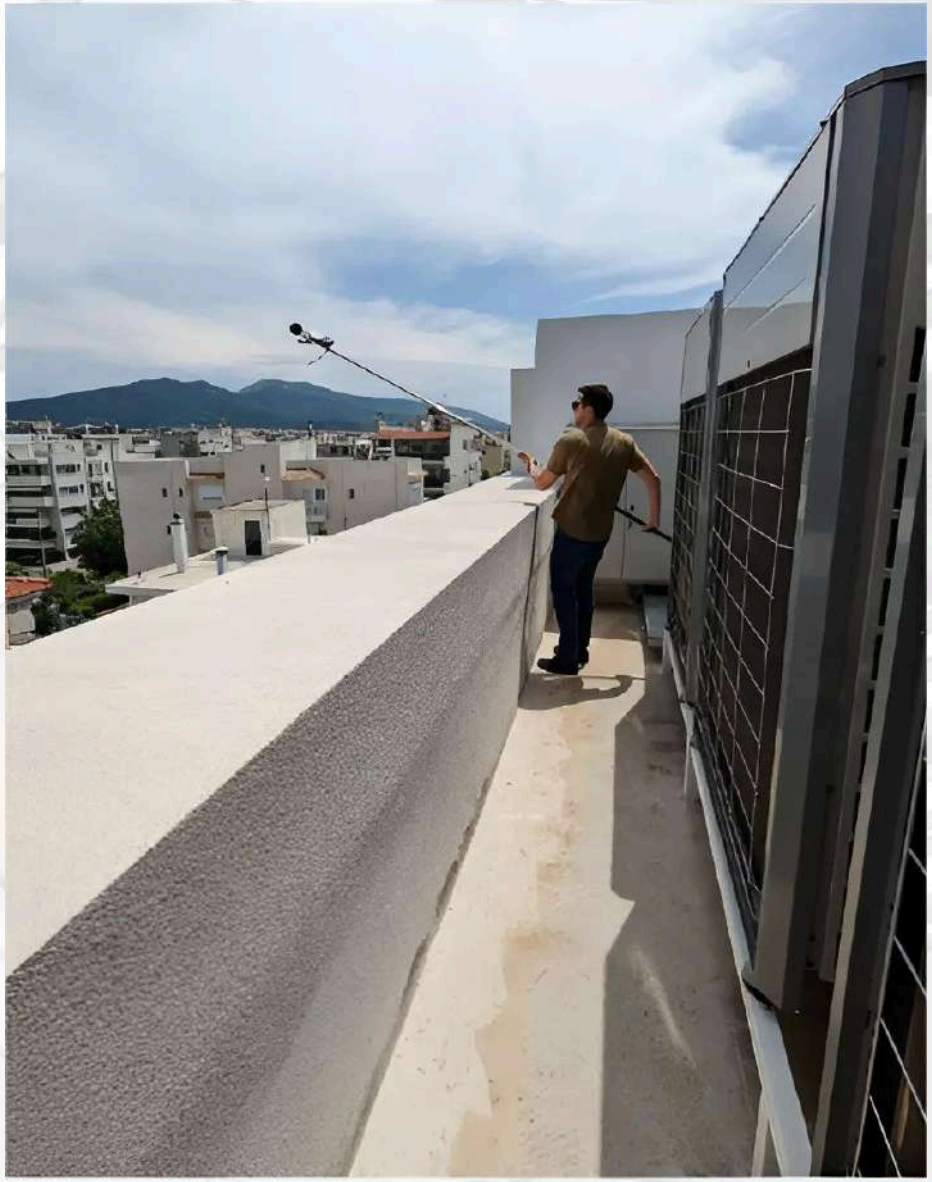
Occupational Noise



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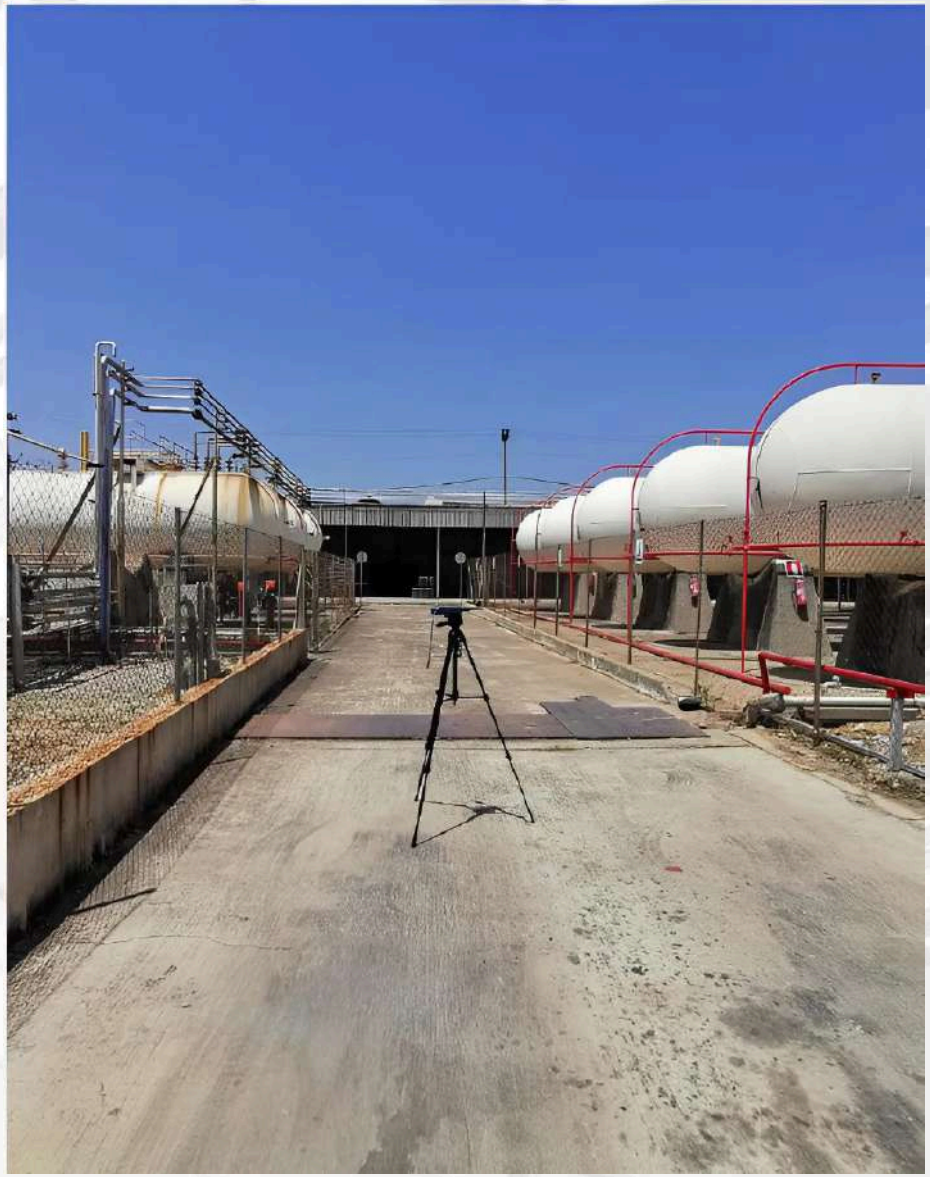
HVAC Noise



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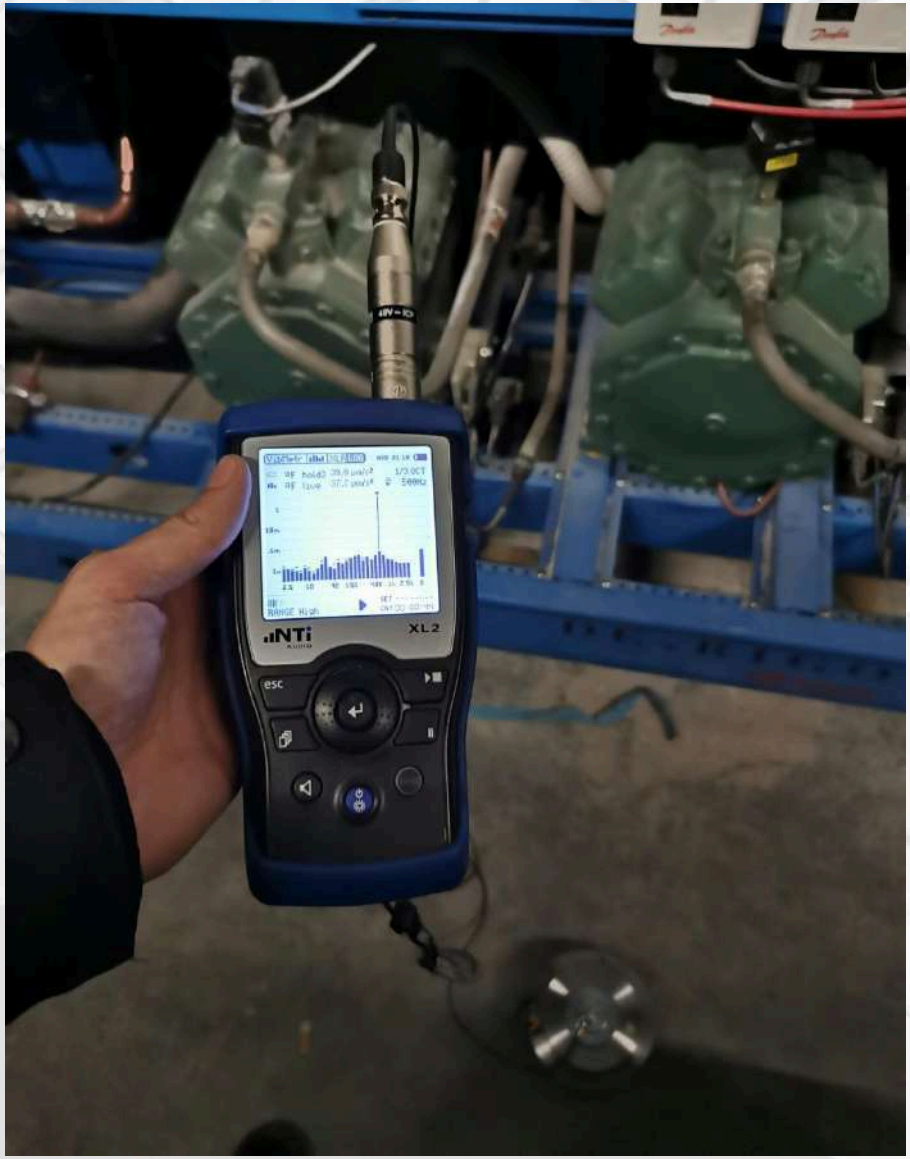
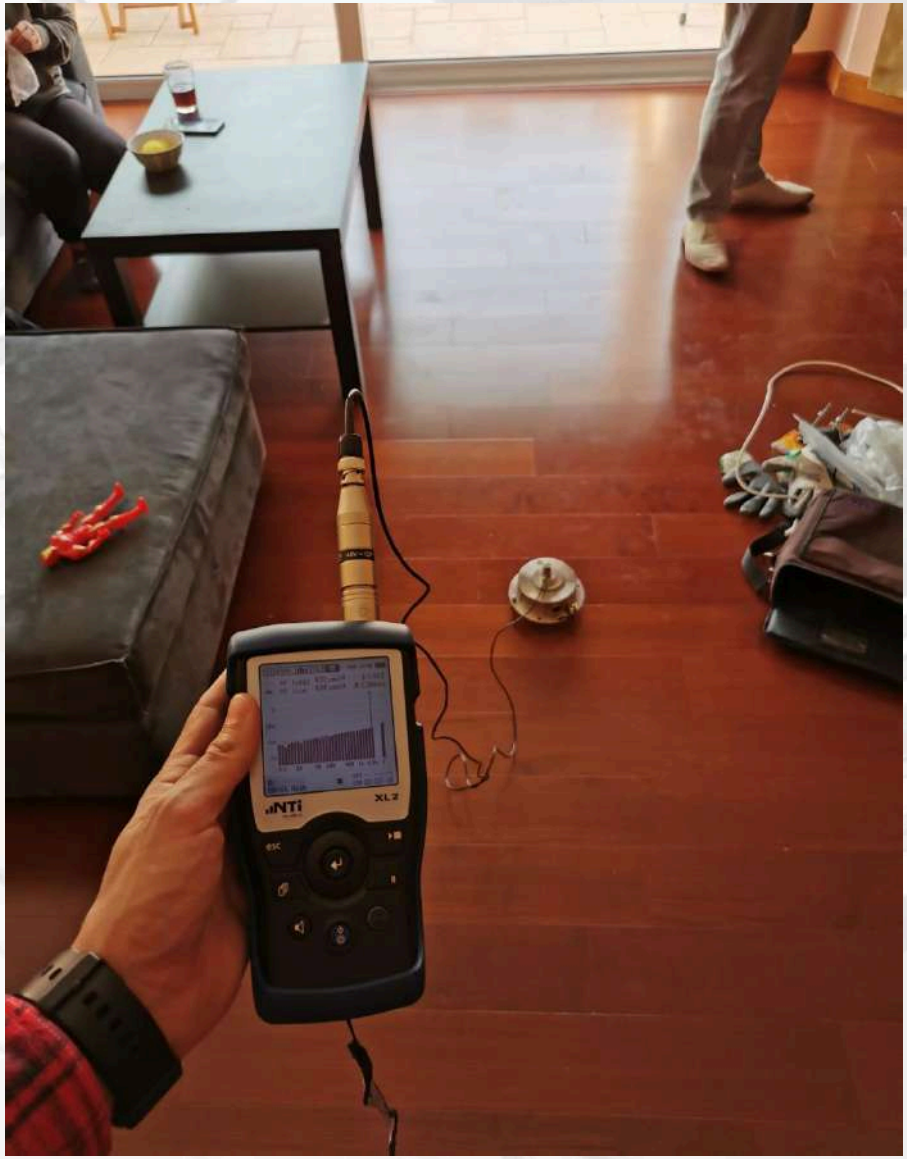
Mechanical Noise





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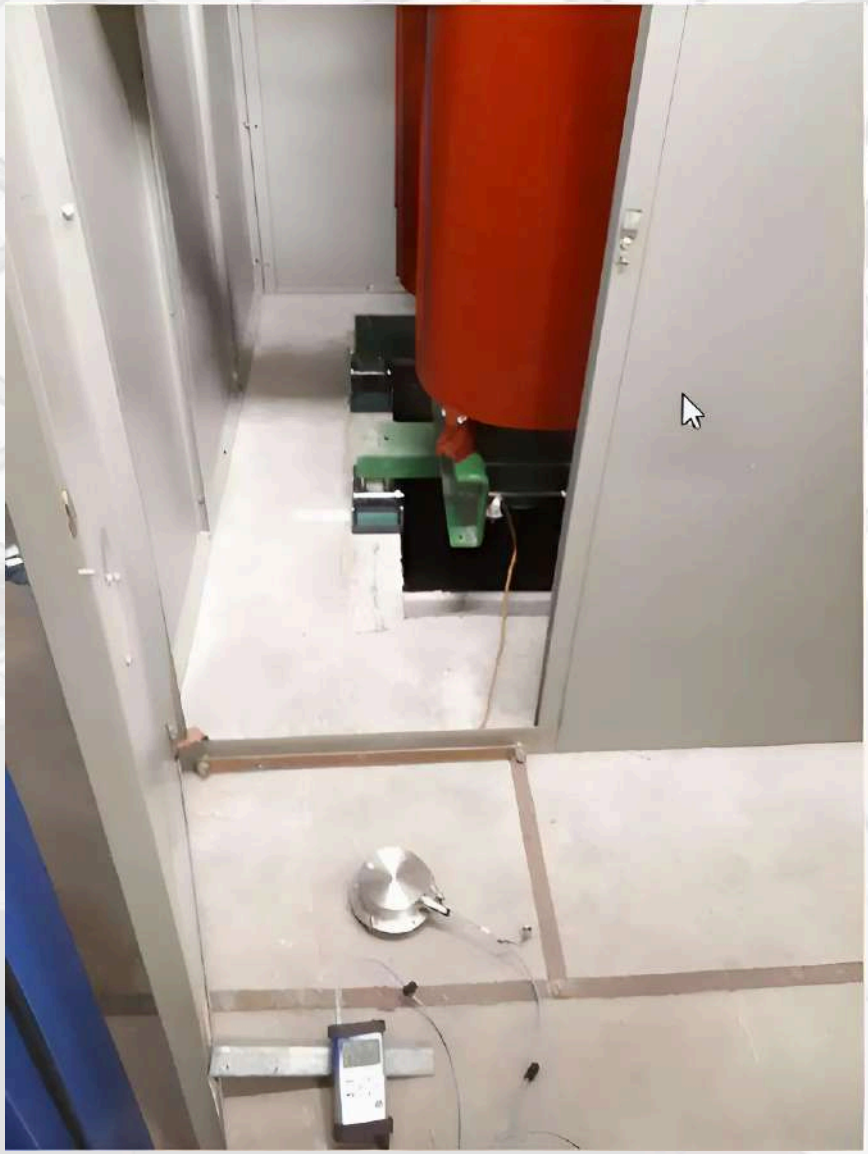
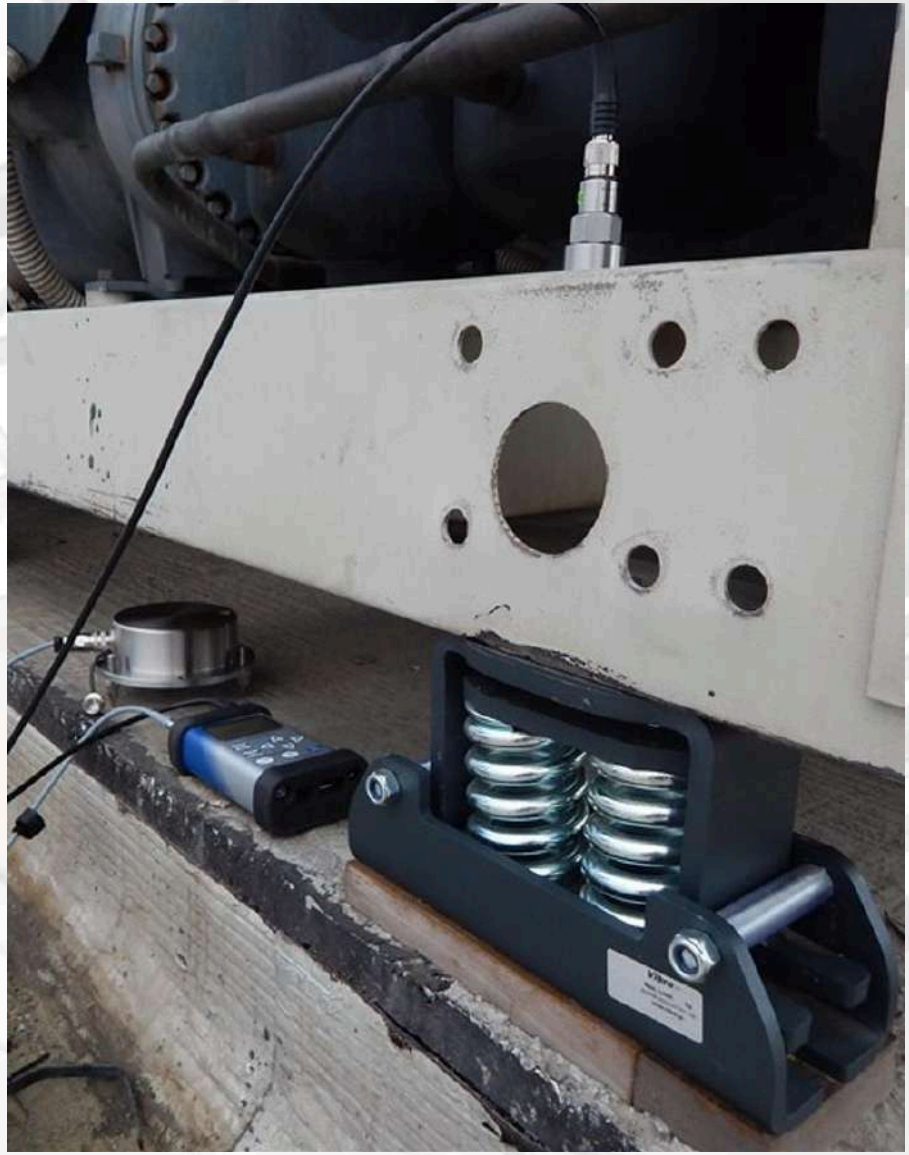
Building Vibration





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Mechanical Vibration

Technical Reports:

ALPHA Acoustiki's team consists of specialized and experienced Acoustic Engineers to process the Acoustic Measurements and prepare complete Technical Reports in accordance with National & International Legislation and Standards.

The report's objective is to quantify the noise problem and, most importantly, offer appropriate and effective solutions.

The company and its equipment has up to date certifications, aiming at high quality services.

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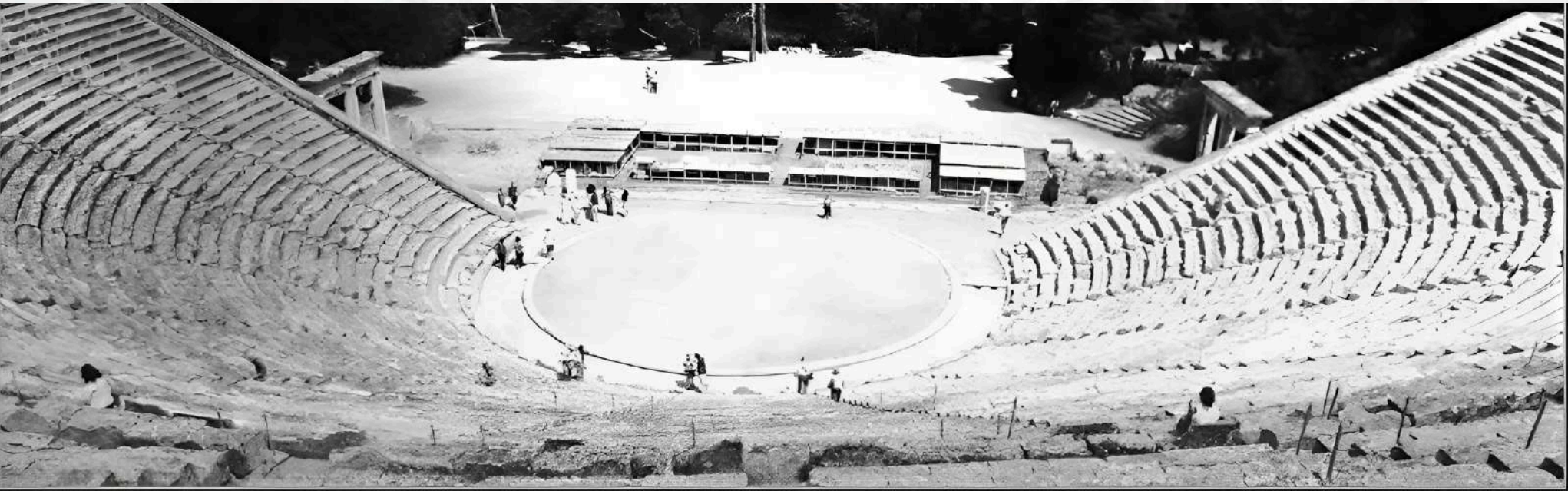
40+ years

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