



# Acoustical Consulting

## Setting the Standard for Excellence

### GUARANTEED SOLUTIONS

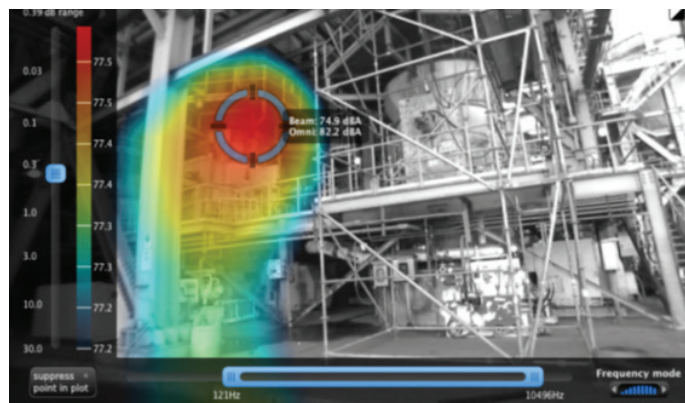
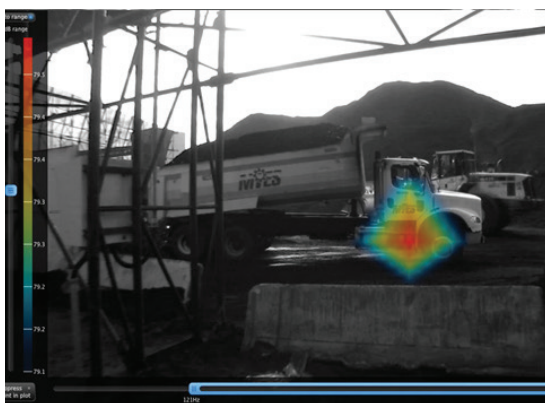
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#### ACOUSTICAL CONSULTANTS

INNOVA Global's acoustical engineers bring specialized knowledge and experience to investigate and solve noise issues at industrial facilities. We are the premier choice for a truly cost-effective acoustical design to meet both your specific regulatory requirement, and your bottom line.

#### Specializations

- Environmental noise problems
- Occupational noise exposure
- Low frequency noise
- Noise propagation modeling (indoor and outdoor)
- Facility wide noise control designs
- Optimization of noise control costs
- Understanding complex regulatory environments
- Construction noise



## Benefits

- Professional, multi-disciplined engineering staff
- World-wide experience
- State-of-the-art engineering software
- Proprietary silencer design algorithms
- Complete library of oil and gas equipment noise levels
- Accurate costing of the noise abatement solution
- Practical and buildable noise attenuation designs

## Noise Impact Assessment

Noise Impact Assessments are the first step in achieving and demonstrating compliance with environmental or occupational noise regulations. In cases without mandated limits, we can help establish appropriate, environmentally and workplace friendly goals for your facility;

- Environmental noise surveys
- Diagnostic noise measurements
- Noise propagation modeling
- Noise control designs
- Compliance assessments
- Regulatory submittals
- Expert testimony
- Occupational noise exposure

## Acoustic Modeling

Noise Propagation Modeling is a key component of our Balanced Design Approach™. Engineers evaluate and compare noise controls with costs to determine the optimal solution that fits your budget and ensures compliance:

- Outdoor noise propagation
- Indoor noise modeling
- CFD & in-duct calculations
- Acoustic HVAC designs
- 3D CAD mock-up and detailed drawings
- Budgetary & firm pricing of the acoustic design

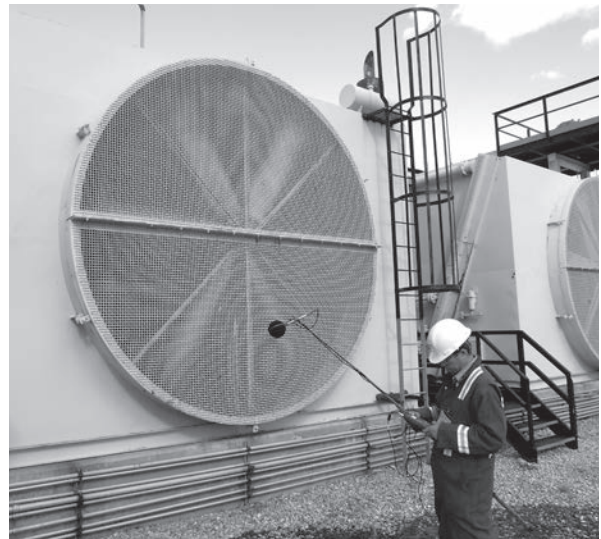
## Noise Controls

Silencing a new or existing oil & gas facility is INNOVA Global's specialty. Our construction engineers and noise consultants conduct a site survey to gather the acoustical and facility information needed to develop a workable noise control solution which includes:

- Equipment noise emissions expertise
- Silencers, buildings, barriers and enclosures
- Understanding operational, safety and maintenance constraints
- Structural and mechanical considerations
- Service life and site factors

## Leverage our Experience

Reducing the impact of noise can start with just a conversation. Our professionally accredited acoustical consultants are the knowledgeable experts who will put your project on the road to success. INNOVA Global is uniquely qualified in acoustical consulting, with more than 3,500 successfully completed acoustical design-build projects, delivered on time and on budget — guaranteed to perform.



**CONTACT US TODAY**

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OIL + GAS SOLUTIONS  
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