



## NOISE CONTROL ENGINEERING SERVICES

Noise Control Engineering Services

Measurement and Monitoring

**Balanced Noise Mitigation Design**

Customized Noise Control Solutions

## PERFORMANCE GUARANTEE

At EnergyLink International we proudly stand behind everything we do. Period. That is why we offer an unparalleled guarantee on noise control solutions.

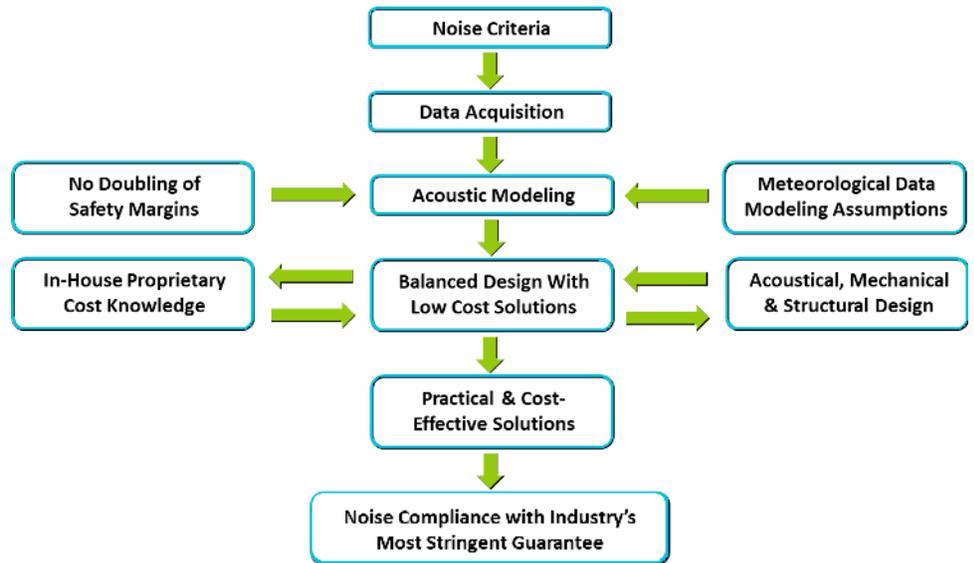
Through our proven designs, extensive experience and advanced analysis, our team of leading experts will not only meet, but exceed, the most stringent noise regulations throughout the world.

## CONTACT

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## SITE-WIDE BALANCED NOISE MITIGATION DESIGN

### Equipment Noise Emission Inventory

EnergyLink will compile an accurate noise emission inventory for your site. We assist you by interpreting Manufacturer's noise ratings, calculating equipment noise levels, and supplying noise data from our past project experience. We are familiar with the noise attenuation techniques used for most major equipment items and what is feasible for OEM noise emissions.

### Regulatory Review

Noise regulations vary from site to site and can be complicated to interpret. EnergyLink has experience navigating the regulatory process of environmental noise across North America and worldwide. We will help you understand the noise limits which apply to your site and how they will be assessed.

### Noise Propagation Modeling

EnergyLink uses CadnaA to develop your facility noise propagation model. The 3D model incorporates source noise emission characteristics, shielding obstacles and reflecting objects with the local atmospheric and terrain effects to accurately predict sound levels at surrounding receptor locations. The model is then used to test the effects of noise mitigation measures and develop a balanced noise control solution.

### Balanced Noise Control Solutions

Balanced noise control design is a multi-discipline engineering and design effort which optimizes the cost of reducing noise levels at sensitive receptors. The procurement and construction of effective combinations of noise controls is balanced with the real-world constraints of operations, maintenance, and safety.

### Budgetary Estimates and Firm Cost Proposals

Our acoustic engineering team works closely with our estimating and project teams to provide accurate cost estimates with our noise control recommendations. This helps our clients evaluate options in the planning stage and avoid cost escalation later.