



Engineering Solutions For Noise Control



222 Etruria Street, Suite 100
Seattle, Washington 98109
877-335-7866 • www.ssaacoustics.com

SSA acoustics

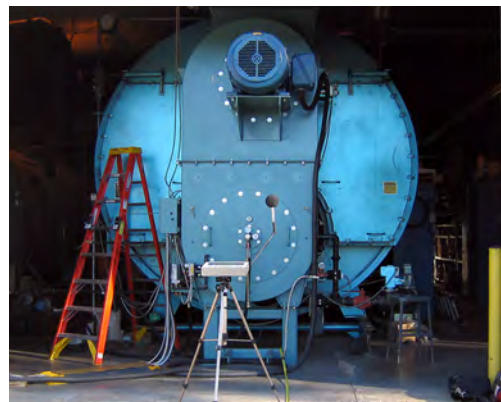
A team of experienced engineers that focuses on the details of good noise mitigation. Our team will assess the noise impacting your work environment, engineer effective and feasible solutions, and supervise construction to assure the work is on-time and under budget.

We separate ourselves from our competition providing real-world solutions that include detailed installation drawings, estimated material and labor costs, predicted performance versus cost analysis, and construction administration. From experience we have learned that successful noise control will involve not only a complete analysis but thoroughly detailing solutions in drawings and specifications

The goal we have for clients is a healthy workplace that encourages efficiency and overall satisfaction. Noise control is an effective first step to meeting these objectives.



An effective solution improves the working environment without impeding the process.



ASSESS the noise sources impacting the employees. Our team completes spectral noise and vibration measurements, interviews operators, maintenance staff and managers. We recognize that any possible mitigation measures must work in cooperation with the employees.

ENGINEER noise mitigation solutions that reduce the daily noise dose for employees without impeding their working environment. We provide detailed drawings, material specifications and document the predicted performance vs. cost for results.

CONSTRUCTION coordination and supervision to assure the effective installation of the engineered noise elements. We inspect each phase of construction to guarantee our clients satisfaction and the desired performance.

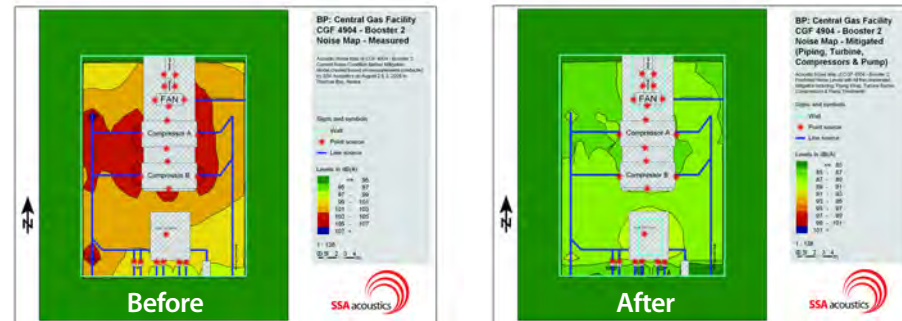
Case Study

Engineered Noise Control Solution for the BP Central Gas Facility in Prudhoe Bay, Alaska.

The enclosed space includes a 33,000 HP gas powered turbine driving two high pressure natural gas compressors, which processes over 1,700 million standard cubic feet of natural gas per day.



SSA Acoustics completed a thorough noise assessment and 3-dimensional noise modeling, predicting the environment and eliminating guess work. The mass-air barrier pipe wrap engineered for this application reduced the overall noise level by 6-8 decibels, which is a 75% noise reduction. The performance matched the prediction model shown below.



Boeing
Future
Factory
Everett,
Washington



Goodrich
Industries
Riverside,
California



Spokane
Wastewater
Treatment
Facility
Spokane,
Washington



Genie
Industries
Redmond,
Washington



Rio Tinto
Kennecott
Utah Copper
Bingham
Canyon, Utah

