

Sound Modeling, Measurement & Reporting

ENC offers a variety of sound and vibration surveys including: ambient sound level measurement, operational sound level measurement, continuous monitoring, compliance verification, audio recording with noise analysis and noise management planning, for the operation.

We measure ambient sound and vibration levels at a proposed location to establish pre-drilling, ambient sound/vibration levels. The measured, ambient sound levels may be used, by a municipality, to calculate the allowable, operational, dBA levels in their noise ordinance.

ENC wireless transmission reporting systems allow real-time accessibility and reporting. It provides audio capability to review and analyze anomalies that may occur during operations at the site.

Behrens and Associates, Inc.

Environmental Noise Control



Behrens and Associates Environmental Noise Control is a world leading provider of innovative sound control solutions. As an industry leader, with over 30 years of professional sound measurement and control expertise, we are a full service supplier of noise impact modeling, prediction, measurement monitoring and mitigation, products. We offer:

Temporary Noise Control Walls
Permanent Noise Control Walls
Acoustically Rated Buildings

Noise Impact Modeling and Prediction
Noise Surveys Monitoring and Analysis
Noise Management Plans & Compliance Reports

For information or quotes, contact us at any of our offices:

Environmental Noise Control
600 Bear Cat Road - Suite 100
Aledo, TX. 76008
Phone: 817 441-5556
Fax: 817 441-5561

Behrens and Associates, Inc.
Environmental Noise Control
13806 Inglewood Avenue
Hawthorne, CA. 90250
Phone: 310 697-8633
Fax: 310 679-8676

Behrens and Associates, Inc.
Environmental Noise Control
3328 David Drive
Napa, CA. 94559
Phone: 707 738-4451
Fax: 707 252-9010

Please visit at our new web site:
www.drillingnoisecontrol.com
www.environmental-noise-control.com

DRILLING PRODUCTION NOISE CONTROL



ENVIRONMENTAL NOISE CONTROL, INC.



Temporary Noise Control Walls

ENC noise control, sound walls are erected in incremental heights of four feet providing walls of 4', 8', 12', 16', 20', 24', 28' and 32' high, in any length. Our acoustical blankets can be assembled to fit any generator configuration, substructure or drilling rig floor. Brake shrouds and special needs sound barriers are available for sound mitigation in any environment.

Our sound walls are state of the art in sound control for blocking and absorbing unwanted noise. They have an STC-25 classification and an NRC.65 rating; test results are available. ENC walls are International Building Code (IBC) wind rated for sustained winds of 70 mph, and gusts to 90 mph.

If it is vertical drilling, directional drilling or fracing in a high impact area, with tough noise ordinances, ENC noise mitigation products will put you in compliance every time.



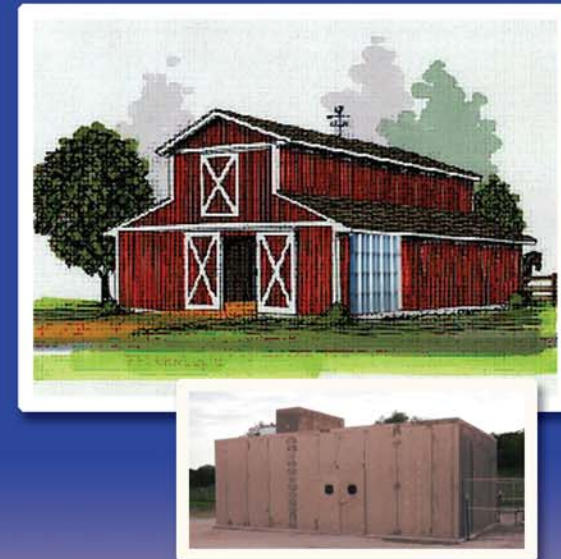
Permanent Noise Control Walls

Environmental Noise Control designs, and installs permanent, noise control walls that block and absorb the continuous noise of a compressor station.

ENC Model "R" Permanent Sound Control Barrier system is constructed of pre-painted "R" panels on the exterior wall; the wall core is a mineral wool, 3# per cubic foot, acoustical absorption material. The interior wall is a pre-painted, perforated "R" panel, designed for the frequency content of the noise being generated. Wall heights range from 8' to 32 feet high.

Our wall will provide an STC-40 (40 dBA barrier) with a sound absorption rating of an NRC 1.20. It reduces equipment noise levels 17 to 26 dBA on the sides where the walls are installed. An ENC wall meets Uniform Building Code (UBC) Exposure B, 70 mph sustained, 80/90 mph gusts, based upon typical soil conditions.

The ENC Hybrid Silencer System wall was developed with intake and discharge silencers to provide adequate air flow to the compressor units, while providing optimum sound control. The system typically reduces equipment noise levels 15 to 20 dBA. All Hybrid sound walls are pre-engineered to meet or exceed UBC wind and seismic loading requirements.



Buildings

Some municipalities demand full enclosures for gathering and production sites. ENC will design, fabricate and install fully engineered buildings that exceed the requirements for all applications that demand minimal noise impact on the area.

Our Acoustical Building system is rated with a high sound transmission class (STC) and a high noise reduction coefficient (NRC) rating.

The design of the acoustically rated building utilizes standard metal building technology, including pre-painted exterior metal surfaces and conventional support structure. To provide the necessary air flow to the gas compressor units, while at the same time provide optimum industrial noise control, we install an integral intake and discharge silencer and ducting system.

Overhead cranes, access panels for removal and maintenance are available in all systems. Full enclosures and buildings can be designed, constructed and landscaped to meet the specific requirements of the equipment, the ordinance, and the aesthetic wishes of the community.

