

Construction Noise Control Products and Vendors Guidance Sheet

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New York City Department of
Environmental Protection (NYC DEP)

The following is intended to provide guidance to construction contractors with respect to finding and selecting suitable construction noise control products. These products and vendors may be helpful to contractors for achieving compliance with the New York City Noise Code, and more specifically, with the Construction Noise Rules found in Local Law 113, Section 24-219, Chapter 28, Title 15 of the Rules of New York City which went into effect in July 2007.

While there are similarities in the approach to construction noise control for all work sites, the specific measures and solutions need to be carefully selected and implemented correctly. In general, noise control measures can be applied at the noise *source*, along the *pathway*, or at the *receiver* (listener) directly. For these reasons, it is highly recommended that contractors discuss their situation with a qualified acoustical consultant as early as possible. It is always more cost-effective to design for good acoustics from the beginning rather than to rely on retrofit solutions when noise becomes a problem later. To aid in the selection of an acoustical consultant, links to several national professional societies are provided. The NYC DEP can also provide a list of consultants.

This information is not an exhaustive list of noise control products and vendors. It is ***intended for guidance and informative purposes only***, and should not be construed as an official endorsement of any product, vendor, or consultant by the City of New York. This sheet will be updated from time to time as new noise control technologies gain acceptance.

ACOUSTICAL CONSULTANTS

- NYC DEP Noise Consultants List www.nyc.gov/html/dep/pdf/noise_consultants_list.pdf
- Acoustical Society of America www.acousticalsociety.org
- Institute of Noise Control Engineering www.inceusa.org
- National Council of Acoustical Consultants www.ncac.com

SOURCE CONTROLS

BACKUP ALARMS

- Preco Electronics 45, 200, 3000, 6000 Series www.precosafety.com
- Ecco Group Smart Alarms, 500 & 700 Series www.eccolink.com
- Grote Industries Model 73040, 73080 www.grote.com
- Brigade Electronics BBS-TEK Series www.bbs-tek.com

JACKHAMMERS

- Hilti (electric) TE 3000-AVR www.hilti.com
- Makita (electric) Makita HM1810 www.makita.com
- Atlas Copco (pneumatic) TEX PE Series www.atlascopco.com
- Chicago Pneumatic (pneumatic) CP 1240-S www.cp.com

VACUUM EXCAVATORS (Vac-Trucks)

- Guzzler LR ACE www.guzzler.com
- GapVax HV Series www.gapvax.com

PILE DRIVERS (Pushers)

- Giken Silent Piler www.giken.com/en/
- Hammer & Steel Z Pile Pusher www.hammersteel.com
- Dawson Silent Piling www.dcpuk.com

DOZERS

- John Deere K Series www.deere.com
- Caterpillar D Series www.cat.com/en_US

LOADERS

- Volvo L Series www.volvo.com
- John Deere K and G Compact Series www.deere.com
- Caterpillar 900 Series www.cat.com/en_US

GRADERS

- Caterpillar M Series www.cat.com/en_US
- John Deere G Series www.deere.com

SCRAPERS

- Caterpillar 600 Series www.cat.com/en_US
- John Deere DC and DE Series www.deere.com

BACKHOES

- Caterpillar 400 Series www.cat.com/en_US
- John Deere L Series (310, 410, 710) www.deere.com
- Case 680C www.casece.com

EXCAVATORS

- John Deere G Series www.deere.com
- Caterpillar 300 Series www.cat.com/en_US
- Volvo EC and EW Series www.volvo.com

TRACTORS

- John Deere 210L www.deere.com
- Caterpillar 621G www.cat.com/en_US

HOE RAMS

- Chicago Pneumatic CP 100, CP 400 www.cp.com
- Allied HyRam, Rammer www.alliedcp.com

SKID STEERS

- Caterpillar 200 Series www.cat.com/en_US
- John Deere 300G Series www.deere.com

DUMP TRUCKS

- John Deere ADT (Articulated) Series www.deere.com
- Caterpillar 700 (Articulated) Series www.cat.com/en_US
- Volvo A (Articulated) Series www.volvo.com

ROLLERS

- Multiquip AR20-2 www.multiquip.com

CRANES

- Link-Belt ATC, HTC, RTC, HC www.link-belt.com
- American 5299 www.americancrane.com
- Bucyrus Erie 30B www.cat.com/en_US

GENERATORS

- Multiquip WhisperWatt Ultra-Silent www.multiquip.com
- Atlas iP Generator www.atlascopco.com

STREET SWEEPERS

- Elgin GeoVac www.elginsweeper.com
- Schwarze A-7000 www.schwarze.com

PATHWAY CONTROLS

NOISE BARRIERS

- Carsonite AcoustaShield www.carsonite.com
- Sound Fighter LSE Sound Barrier www.soundfighter.com
- Kinetics Noise Block www.kineticsnoise.com

NOISE CURTAINS

- Sound Seal BBC-13-2 www.soundseal.com
- Illbruck Acoustic SONEX Curtain www.sonex-online.com
- McGill AirSilence Fibersorb Curtains www.mcgillairsilence.com

SILENCERS & MUFFLERS

- Babcock & Wilcox Silencers www.babcock.com/universal
- Burgess Aarding Silencers www.cecoenviro.com

RECEIVER CONTROLS

ACOUSTICAL WINDOWS

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| • Harvey Industries | Acoustical Windows | www.harveyind.com |
| • Peerless Products | Acoustical Windows | www.peerlessproducts.com |
| • Soundproof Windows | Soundproof Windows | www.soundproofwindows.com |
| • Indow Windows | Acoustical Window Inserts | www.indowwindows.com |

WHITE NOISE MACHINES

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| • Marpac | Dohm Whish | www.marpac.com |
| • Speech Privacy Systems | Sonet System | www.speechprivacysystems.com |
| • Adaptive Sound Technologies | Lectrofan, Kinder | www.soundofsleep.com |