

Construction Noise Control Products and Vendor Guidance Sheet

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New York City Department
Of Environmental Protection

The following is intended to provide guidance to construction contractors with respect to findings and selecting suitable noise control products. These products and vendors may be helpful to contractors for achieving compliance with the New York City Noise Regulations.

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 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

- Acoustical Society of America <http://acousticalsociety.org>
- Institute of Noise Control Engineering <http://inceusa.org>
- National Council of Acoustical Consultants <http://ncac.com>

SOURCE CONTROLS

BACKUP ALARMS

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

JACKHAMMERS

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|--|---------------|--|
| • Hilti (electric, use quieter generator) | TE 3000-AVR | www.hilti.com |
| • Makita (electric, use quieter generator) | 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
- Hammer & Steel Z Pile Pusher www.hammersteel.com
- Dawson Silent Piling www.dcpuk.com

DOZERS

- John Deere 450H, 550H www.deere.com
- Caterpillar D6R III www.cat.com

LOADERS

- Volvo L50E www.volvo.vom
- John Deere 444J www.deere.com
- Caterpillar 950 www.cat.com

GRADERS

- Caterpillar 14H, 12E, 12F, 140 www.cat.com

SCAPERS

- Caterpillar 613 www.cat.com

BACKHOES

- Caterpillar 420D, 416D www.cat.com
- John Deere 410G www.deere.com
- Case 680C www.casece.com

EXCAVATORS

- John Deere 35D www.deere.com
- Caterpillar 307C www.cat.com

TRACTORS

- John Deere 210LE www.deere.com
- Caterpillar 621G www.cat.com

HOE RAMS

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

SKID STEERS

- Caterpillar 246B, 226B www.cat.com

DUMP TRUCKS

- John Deere 250C, 400C www.deere.com

ROLLERS

- Multiquip AR20-2 www.multiquip.com

CRANES

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|----------------|---------|--|
| • Link-Belt | 218-HSL | www.link-belt.com |
| • American | 5299 | www.americancrane.com |
| • Bucyrus Erie | 30B | www.bucyrus.com |

GENERATORS

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|-------------|----------------------|--|
| • Multiquip | GA29R, GA36HA | www.multiquip.com |
| • Atlas | VSS-125Dd, VSS-170Dd | www.atlascopco.com |

STREET SWEEPERS

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

PATHWAY CONTROLS

NOISE BARRIERS

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

NOISE CURTAINS

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|---------------------|--------------------|--|
| • Sound Seal | BBC-13-2 | www.soundseal.com |
| • Illbruck Acoustic | SONEX Curtain | www.illbruck-acoustic.com |
| • McGill AirSilence | Fibersorb Curtains | www.mcgillairsilence.com |

SILENCERS & MUFFLERS

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|-----------------------|-----------|--|
| • Universal Silencers | Silencers | www.universal-silencer.com |
| • Burgess Manning | Silencers | www.burgessmanning.com |

RECEIVER CONTROLS

ACOUSTICAL WINDOWS

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| • Harvey Industries | Acoustical Windows | www.harveyind.com |
| • Peerless Products | Acoustical Windows | www.peerlessproducts.com |
| • Acoustic Standards | Quiet Window | www.acousticstandards.com |
| • Soundproof Windows | Soundproof Windows | www.soundproofwindows.com |

WHITE NOISE MACHINES

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| • Marpac | Dohm | www.marpac.com |
| • Speech Privacy Systems | Sonet System | www.speechprivacysystems.com |