

CITY	CONTACT	NOTES
Portland	Noise Control Office, (503) 823-7350	<p>City code Section 10.10.060 (see attached information sheet):</p> <p>“A. Maximum sound levels: No person shall operate any equipment or appurtenances thereto in commercial construction activities which exceeds 85 dBA, when measured at 50 feet (15.2 meters) from the source. This standard shall not apply to trucks (see Section 18.10.020), pile drivers, pavement breakers, scrapers, concrete saws and rock drills.</p> <p>B. Night, weekend, and legal holidays limitation: From 6:00 p.m. to 7:00 a.m. the following morning, and 6:00 p.m. Saturday to 7:00 a.m. the following Monday, and on legal holidays, the permissible sound levels of Section 18.10.010 shall apply to all construction activities except by variance or for reasons of emergency. The exempted equipment of Section 18.10.060 A is not exempted during these hours. For purposes of this Subsection, construction activities on a public road within a zone shall be considered as taking place on private property within that zone.</p> <p>C. The adjustments to permissible sound levels established in Section 18.10.010 B (section includes images, view here: http://www.portlandonline.com/auditor/index.cfm?c=28709) apply to Subsections A and B above.</p> <p>D. All equipment used in commercial activities shall have sound control devices no less effective than those provided on the original equipment, and no equipment shall have an unmuffled exhaust.</p> <p>E. All equipment used in commercial construction activities shall comply with pertinent standards of the U.S. Environmental Protection Agency.”</p> <p>Staff at the City of Portland has not returned a phone call for additional information about their ordinance, however a Construction Noise Regulation information sheet has been attached.</p>
Denver	Department of Environmental Health – Public Health Inspections: (720) 865-5401	<p>36-7(5): <i>Construction equipment and activities.</i></p> <p>a. No person shall operate, or cause to be operated, any construction equipment nor conduct any construction activities, including, without limitation, preparation activities, job site deliveries, and job site pick-ups, on weekdays between the hours of 9:00 p.m. and 7:00 a.m. in a manner that exceeds the sound pressure limits of Table A. (See table A here: http://www.denvergov.org/Portals/771/documents/Chapter-36-Noise-Control.pdf)</p> <p>b. No person shall operate, or cause to be operated, any construction equipment nor conduct any construction activities, including, without limitation, preparation activity, job-site deliveries, and job-site pick-ups, on weekends between the hours of 5:00 p.m.</p>

		<p>and 8:00 a.m. in a manner that exceeds the sound pressure limits of Table A.</p> <p>c. Construction equipment must be properly maintained, used for the manufacturer's intended purpose, and operated in compliance with any required license. The board of environmental health, in accordance with chapter 24, article I, may grant variances from the construction restrictions if it can be demonstrated that a construction project will interfere with traffic or jeopardize public safety if completed during daytime.</p> <p>Staff at the City of Denver has not returned a phone call for additional information about their ordinance.</p>
Seattle	Department of Planning & Development: (206) 684-8600	<p>25-8-425: Sounds Created by Construction and Maintenance Equipment</p> <p>A. The exterior sound level limits established by Sections 25.08.410 and 25.08.420 (includes tables; view here: https://www.municode.com/library/wa/seattle/codes/municipal_code?nodeId=TIT25ENPRHIPR_CH25.08NOC_O_SUBCHAPTER_IIIENSOLE_25.08.410EXSOLELI) as measured from the property line of the real property of another person or at a distance of 50 feet from the construction or maintenance equipment making the sound, whichever is greater, may be exceeded during the following times by the sound levels specified in subsection 25.08.425.B for the types of equipment listed in that subsection.</p> <ol style="list-style-type: none"> 1. Within Lowrise, Midrise, Highrise, Residential-Commercial and Neighborhood Commercial zones, between 7 a.m. and 7 p.m. on weekdays and between 9 a.m. and 7 p.m. on weekends and legal holidays, provided that if no property in residential use exists within 100 feet of the property generating the sound, or if the equipment is being used for a public project, then between 7 a.m. and 10 p.m. on weekdays and between the hours of 9 a.m. and 10 p.m. on weekends and legal holidays. 2. Within all other zones, between 7 a.m. and 10 p.m. on weekdays and between 9 a.m. and 10 p.m. on weekends and legal holidays. <p>B. During the time periods specified in subsection 25.08.425.A, the exterior sound level limits, as measured from the property line of the real property of another person or at a distance of 50 feet from the construction or maintenance equipment making the sound, whichever is greater, may be exceeded by no more than the following dB(A)'s for the following types of equipment:</p> <ol style="list-style-type: none"> 1. Twenty-five dB(A) for equipment on construction sites, including but not limited to crawlers, tractors, dozers, rotary drills and augers, loaders, power shovels, cranes, derricks, graders, off-highway trucks, ditchers, trenchers, compactors, compressors, and pneumatic-powered equipment; 2. Twenty dB(A) for portable powered equipment used in temporary locations in support of construction activities or used in the maintenance of public facilities, including but not limited to chainsaws, log chippers, lawn and garden maintenance equipment, and powered hand tools; or 3. Fifteen dB(A) for powered equipment used in temporary or periodic maintenance or repair of the

		<p>grounds and appurtenances of residential property, including but not limited to lawnmowers, powered hand tools, snow-removal equipment, and composters.</p> <p>C. Sounds created by impact types of equipment, including but not limited to pavement breakers, piledrivers, jackhammers, sandblasting tools, or by other types of equipment that create impulse sound or impact sound or are used as impact equipment, as measured at the property line or 50 feet from the equipment, whichever is greater, may exceed the exterior sound level limits established in subsection 25.08.425.B in any one hour period between the hours of 8 a.m. and 5 p.m. on weekdays and 9 a.m. and 5 p.m. on weekends and legal holidays, but in no event may the sound level exceed the following:</p> <ol style="list-style-type: none"> 1. Leq 90 dB(A) continuously; 2. Leq 93 dB(A) for 30 minutes; 3. Leq 96 dB(A) for 15 minutes; or 4. Leq 99 dB(A) for 7½ minutes; <p>provided that sound levels in excess of Leq 99 dB(A) are prohibited unless authorized by variance obtained from the Administrator; and provided further that sources producing sound levels less than 90 dB(A) shall comply with subsection 25.08.425.A and B of this section during those hours not covered by this subsection 25.08.425.C.</p> <p>D. The standard of measurement shall be a one hour Leq. Leq may be measured for times not less than one minute to project an hourly Leq. Reference to one hour is for measurement purposes only and shall not be construed as limiting construction or maintenance to a one hour period.</p> <p>E. The exterior sound level limits established in this section shall be reviewed periodically by the City to assure that the exterior sound level limits are technically feasible.</p> <p>F. Construction or maintenance equipment that exceeds the exterior sound level limits established by Section 25.08.410, when measured from the interior of buildings within a commercial district, is prohibited between the hours of 8 a.m. and 5 p.m. For purposes of this subsection, interior sound levels shall be measured only after every reasonable effort, including but not limited to closing windows and doors, is taken to reduce the impact of the exterior construction noise.</p> <p>25.08.590 - Granting of variance</p> <p>A. No variance shall be granted until the Administrator has considered the relative interests of the applicant, other owners or possessors of property likely to be affected by the noise, and the general public.</p> <p>B. A technical, economic, or major public project construction variance may be granted only after notice and an opportunity for public comment. For technical or economic variances proposed for more than two weeks and for major public project construction variances, a public meeting is also required, in accordance with</p>
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		<p>rules adopted by the Administrator.</p> <p>C. The Administrator may grant a variance if the Administrator finds that:</p> <ol style="list-style-type: none">1. The noise occurring or proposed to occur does not endanger public health or safety; and2. The applicant demonstrates that the criteria required for the variance are met; and3. For temporary variances, if the scale and duration of the requested relief is more appropriate for a temporary variance than a technical, economic, or major public project construction variance. <p>D. Noise Management and Mitigation Plan. As part of the application for a variance, an applicant must submit a Noise Management and Mitigation Plan to be approved by the Administrator. A Noise Management and Mitigation Plan must contain the following components, except that the Administrator may modify the required components for a temporary noise variance as the Administrator determines appropriate to fit the circumstances surrounding the requested temporary variance:</p> <ol style="list-style-type: none">1. A description of the exterior sound level limits of the chapter expected to be exceeded, estimates of the amount(s) by which these levels are expected to be exceeded and by what equipment, the exterior sound level limits that will be in effect during the variance, the time periods during which the pre-variance exterior sound level limits may be exceeded, and the expected sources of the sound during each of the time periods (e.g., types of equipment or activity causing the exterior sound level limits to be exceeded);2. Measures and provisions to be taken to avoid exceeding the exterior sound level limits of this chapter;3. Provisions to mitigate sounds that exceed the exterior sound level limits and that cannot otherwise be avoided.4. A process for informing the public in the affected areas about the provisions of the variance. <p>E. The Administrator may impose conditions, including but not limited to conditions relating to types of equipment, hours of use, and duration, to mitigate the adverse impacts of granting the variance. The Administrator may also include conditions proposed by the applicant as part of the variance application. Compliance with the Noise Management and Mitigation Plan approved by the Administrator is a condition of every variance.</p> <p>F. A temporary variance shall be effective on the effective date stated on the variance form. Any other variance shall be effective 30 days following the mailing of the decision granting the variance, unless it is appealed to the Hearing Examiner, in which case the effective date is the date of the Hearing Examiner's written decision on the appeal.</p> <p>Per Jeff Stalter with City of Seattle Department of Planning & Development: A variance is required any time a contractor wishes to install concrete after hours (or do any other work that exceeds decibel requirements.)</p>
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