CITY	CONTACT	NOTES
Houston	Houston Permit Center,	Section 30-16(5) establishes an affirmative defense for: "the erection, excavation, construction, or demolition of any building or structure, including the use of any necessary tools or equipment, conducted between the
	(832) 394-9000 Houston	hours of 7 a.m. and 8 p.m., which activity did not produce a sound exceeding 85 dB(A) when measured from the property line of the residential property where the sound is being received. "
	Administration & Regulatory	Staff at the City of Houston was unaware of any provision for after-hours construction/concrete installation noise.
	Affairs (832) 394-8801	EXCEPTION: None.
Dallas	Public Works Dept. (214) 670-5111	Section 30-2(8) "The following loud and disturbing noises and vibrations are presumed to be offensive to the ordinary sensibilities of the inhabitants of the city: Any construction activity related to the erection, excavation, demolition, alteration, or repair of any building on or adjacent to a residential use, as defined in the Dallas Development Code, other than between the hours of 7:00 a.m. and 7:00 p.m., Monday through Friday, and between the hours of 8:00 a.m. and 7:00 p.m. on Saturdays and legal holidays, except that the director of public works may issue a written permit to exceed these hours in the case of urgent necessity in the interest of public safety or for other reasons determined by the director of public works to be necessary for the public health, safety, or welfare. For purposes of this paragraph, "legal holidays" include New Year's Day (January 1), Memorial Day (observed date), Fourth of July (July 4), Labor Day (observed date), Thanksgiving Day (observed date), and Christmas Day (December 25)."
		Per Melany Martinez: A request is emailed or mailed to the Public Works Dept. The director will send a staff member to the field to evaluate the request (considering traffic concerns, public safety issues, etc) and requires the requestor to notify properties within 300ft of the construction site at least 48 hours prior to the after-hours work. Authorization will be revoked based on complaints, but this is done on a case by case basis (usually a high volume of complaints, etc) unless there is an urgent need or public benefit to the work. There is no fee for the waiver. Waivers are usually granted for a week or two at a time, but will be renewed if there are no major issues.

		EXCEPTION:except that the director of public works may issue a written permit to exceed these hours in the case of urgent necessity in the interest of public safety or for other reasons determined by the director of public works to be necessary for the public health, safety, or welfare.
San Antonio	210.207.6000	Section 21-52 (a)(6): The erection, including construction, excavation, demolition, alteration, or repair work, or the permitting or causing thereof, of any building or other structure, or the operation or the permitting or causing the operation of any tools or equipment used in construction, excavation, drilling, demolition, alteration or repair work: a.) Other than during the daytime on week days; or b.) At anytime such that the sound level at or across a real property boundary exceeds 80dBA. c.)This section shall not apply in cases of urgent necessity in the interest of public safety, or in cases of public convenience, including city sponsored or co-sponsored fiestas, parades, and public events.  Staff at the City of San Antonio was unaware of any provision for after-hours construction/concrete installation noise.  EXCEPTION: This section shall not apply in cases of urgent necessity in the interest of public safety, or in cases
		of public convenience, including city sponsored or co-sponsored fiestas, parades, and public events.
Fort Worth	Planning & Development, 817-392-2222	Section 23-8(d)(2)(c):Construction work. Noise created by construction work within three hundred (300) feet of an occupied residential structure involving the erection, excavation, demolition, alteration, or repair of any building, structure, or flatwork is prohibited as follows:  Before 7:00 a.m. or after 8:00 p.m. Monday—Friday.  Before 9:00 a.m. or after 8:00 p.m. Saturday—Sunday  Staff at the City of Fort Worth was unaware of any provision for after-hours construction/concrete installation noise.  EXCEPTION: (1) Noise generated due to normal building conditioning and ventilation and property maintenance;  (2) Noise generated on public and school property, as permitted by the property owner;

		(3) Noise generated by an outdoor event that is permitted as described in § 20-405 of the city code;
		(4) Noise generated by amplifiers at entertainment venues having a capacity of 1,000 or more persons within "TU" Trinity Uptown;
		(5) Noise generated by any governmental body and its contractors in the performance of a governmental function;
		(6) Noise generated by airport, railway and vehicular transportation;
		(7) Noise produced by gas drilling and production, which is regulated by the gas drilling ordinance in Chapter 15 of the city code; and
		(8) Noise generated at Texas Motor Speedway.
Chicago		<ul> <li>(a) No person shall use or cause the use of any mechanical equipment or tool operated by fuel or electric power in building, construction, repair or demolition operations between the hours of 8:00 P.M. and 8:00 A.M. within 600 feet of any residential building or hospital.</li> <li>(b) The limitation of this section does not apply to any construction, demolition or repair work of an emergency nature or to work on public improvements authorized by a governmental body or agency.</li> <li>(c) This section may be enforced by designated employees of the departments of police, buildings, business affairs and consumer protection, fire, finance, streets and sanitation, transportation and planning and development, who are authorized to issue citations for violations.</li> </ul>
		Staff at the City of Chicago was unaware of any provision for after-hours construction/concrete installation noise.
		EXCEPTION: Emergency or civic construction, demolition or repair work. The limits set forth in this chapter do not apply to sounds generated in construction, demolition or repair work of an emergency nature or in work on public improvements authorized by a governmental body or agency.
Los	LAPD Noise	Section41.40 (a) No person shall, between the hours of 9:00 P.M. and 7:00 A.M. of the following day, perform
L	Enforcement	any construction or repair work of any kind upon, or any excavating for, any building or structure, where any of

Angeles*	Team (213)	the foregoing entails the use of any power driven drill, riveting machine excavator or any other machine, tool,
	996-1250	device or equipment which makes loud noises to the disturbance of persons occupying sleeping quarters in any
		dwelling hotel or apartment or other place of residence. In addition, the operation, repair or servicing of
		construction equipment and the job-site delivering of construction materials in such areas shall be prohibited
		during the hours herein specified. Any person who knowingly and wilfully violates the foregoing provision shall
		be deemed guilty of a misdemeanor punishable as elsewhere provided in this Code. (Amended by Ord. No. 158,587, Eff. 1/29/84.)
		(b) The provisions of Subsection (a) shall not apply to any person who performs the construction, repair or
		excavation work involved pursuant to the express written permission of the Board of Police Commissioners
		through its Executive Director. The Executive Director, on behalf of the Board, may grant this permission, upon
		application in writing, where the work proposed to be done is in the public interest, or where hardship or
		injustice, or unreasonable delay would result from its interruption during the hours mentioned above, or
		where the building or structure involved is devoted or intended to be devoted to a use immediately related to
		public defense. The provisions of this section shall not in any event apply to construction, repair or excavation
		work done within any district zoned for manufacturing or industrial uses under the provisions of Chapter I of
		this Code, nor to emergency work necessitated by any flood, fire or other catastrophe. (Amended by Ord. No.
		178,160, Eff. 2/12/07.)
		Spoke to LAPD Officer Hernandez: A variance may be obtained from LAMC. Application is submitted along with
		fee of \$248 to LAPD Executive Office. If the area request is in commercial area, request is automatically
		granted. If site is within 500ft of a residence, hospital, church or hotel, LAPD Officer will do on the ground
		investigation and interview neighboring residences, etc If a majority of residences approve, permit is granted.
		Permit is rescinded to there are too many complaints or if company misrepresents type of work undertaken.
		Permits last 3-4 months with 3-4 month extensions if there are no issues. No permit required for emergency
		repairs.
		EXCEPTION: The provisions of Subsection (a) shall not apply to any person who performs the construction,
		repair or excavation work involved pursuant to the express written permission of the Board of Police
		Commissioners through its Executive Director. The Executive Director, on behalf of the Board, may grant this
		permission, upon application in writing, where the work proposed to be done is in the public interest, or where

		hardship or injustice, or unreasonable delay would result from its interruption during the hours mentioned above, or where the building or structure involved is devoted or intended to be devoted to a use immediately related to public defense. The provisions of this section shall not in any event apply to construction, repair or excavation work done within any district zoned for manufacturing or industrial uses under the provisions of Chapter I of this Code, nor to emergency work necessitated by any flood, fire or other catastrophe. (Amended by Ord. No. 178,160, Eff. 2/12/07.)
Boston*	Inspectional Services Department 617.635.5300	Section 16-26.4: No erection, demolition, alteration, or repair of any building and excavation in regard thereto, except between the hours of 7:00 a.m. and 6:00 p.m., on weekdays or except in the interest of public safety or welfare, upon the issuance of and pursuant to a permit from the Commissioner, Inspectional Services Department, which permit may be renewed for one or more periods of not exceeding one week each.  Spoke to Ann Horgan: Permits may be issued for up to a week for any type of construction work after hours permitted by code. Permits are issued if requested (except in politically sensitive parts of town where requests are approved by the Building Official first.) If justified complaints are received in either case, no further permits will be issued. Applicants submit application and pay \$100 fee. Permit can be renewed every week. A list of approved projects is posted online and sent to mayor's office, etc.  EXCEPTION:except in the interest of public safety or welfare, upon the issuance of and pursuant to a permit from the Commissioner, Inspectional Services Department, which permit may be renewed for one or more periods of not exceeding one week each.

CITY	CONTACT	NOTES
Portland	Noise Control Office, (503) 823-7350	City code Section 10.10.060 (see attached information sheet):  "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.  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.  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.  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.  E. All equipment used in commercial construction activities shall comply with pertinent standards of the U.S. Environmental Protection Agency."  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.
Denver	Department of Environmental Health – Public Health Inspections: (720) 865-5401	36-7(5): Construction equipment and activities.  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)  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.

		and 8:00 a.m. in a manner that exceeds the sound pressure limits of Table A. 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.  Staff at the City of Denver has not returned a phone call for additional information about their ordinance.
Seattle	Department of	25-8-425: Sounds Created by Construction and Maintenance Equipment
	Planning & Development: (206) 684-8600	A. The exterior sound level limits established by Sections 25.08.410 and 25.08.070 (includes tables; view here: https://www.municode.com/library/wa/seattle/codes/municipal_code?nodeld=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.
		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.
		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:
		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

grounds and appurtenances of residential property, including but not limited to lawnmowers, powered hand tools, snow-removal equipment, and composters.

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:

- 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;

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.

- 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.
- 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.
- F. Construction or maintenance equipment that exceeds the exterior sound level limits established by <u>Section 25.08.410</u>, 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.

## 25.08.590 - Granting of variance

- 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.
- 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

rules adopted by the Administrator.

- C. The Administrator may grant a variance if the Administrator finds that:
- 1. The noise occurring or proposed to occur does not endanger public health or safety; and
- 2. The applicant demonstrates that the criteria required for the variance are met; and
- 3. 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.
- 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:
- 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.
- 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.
- 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.

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.)

	Application is submitted directly to and reviewed by the Noise Abatement staff. Applicants are required to
	submit noise mitigation plans to address any potential impacts and notify neighbors 3 days prior to
	proposed pour. A variance is valid for 14 days. Permits and code are enforced by Noise Abatement Staff and
	Light trespass is addressed by the building department separately.