

TITLE 35: ENVIRONMENTAL PROTECTION
SUBTITLE H: NOISE
CHAPTER I: POLLUTION CONTROL BOARD

PART 901
SOUND EMISSION STANDARDS AND LIMITATIONS FOR PROPERTY LINE-NOISE-SOURCES

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AUTHORITY: Implementing Section 25 and authorized by Section 27 of the Environmental Protection Act [415 ILCS 5/25 and 27].

SOURCE: Originally filed as Part 2 of Chapter 8: Noise Pollution, effective August 10, 1973; amended at 2 Ill. Reg. 27, p. 223, effective June 26, 1978; amended at 5 Ill. Reg. 6371, effective June 1, 1981; amended at 5 Ill. Reg. 8533, effective August 10, 1981; amended at 6 Ill. Reg. 10960, effective September 1, 1982; codified at 7 Ill. Reg. 13646; amended at 7 Ill. Reg. 14519, effective October 17, 1983; amended in R83-35 at 8 Ill. Reg. 18893, effective September 25, 1984; amended in R83-33, 26, 29, 30 and R83-34 at 9 Ill. Reg. 1405, effective January 17, 1985; Section 901.105(f)(1), (2) and (3) recodified to Sections 901.110, 901.111 and 901.112 at 9 Ill. Reg. 7147; amended in R83-25, 31 and 32 at 9 Ill. Reg. 7149, effective May 7, 1985; amended in R83-7 at 11 Ill. Reg. 3136, effective January

28, 1987; amended in R04-11, at 28 Ill. Reg. 11910, effective July 30, 2004; amended in R03-9 at 30 Ill. Reg.5533, effective March 10, 2006; amended in R06-11 at 31 Ill. Reg. 1984, effective January 12, 2007; amended in R14-22 at 39 Ill. Reg. 16264, effective December 7, 2015.

Section 901.101 Classification of Land According to Use

- a) The land use classification system used for the purposes of applying numeric sound standards for this Part is based on the Land-Based Classification Standards (LBCS) (Jeer, Sanjay. 2001. Land-Based Classification Standards . Online, <http://www.planning.org/LBCS>. American Planning Association: Chicago, Illinois). The LBCS applicable to this Part is set forth in Appendix B.
- b) Class A land includes all land used as specified by LBCS Codes 1000 through 1340, 2410 through 2455, 5200 through 5230, 5500, 6100 through 6145, 6222, 6510 through 6530, 6568 through 6600.
- c) Class B land includes all land used as specified by LBCS Codes 2100 through 2336, 2500 through 2720, 3500 through 3600, 4220 through 4243, 5100 through 5160, 5300 through 5390, 5400, 6147, 6210 through 6221, 6300 through 6320, 6400 through 6430, 6560 through 6567, 6700 through 6830, 7100 through 7380.
- d) Class C land includes all land used as specified by LBCS Codes 3100 through 3440, 4120 through 4180, 4210 through 4212, 4300 through 4347, 7400 through 7450, 8000 through 8500, and 9100 through 9520.
- e) A parcel or tract of land used as specified by LBCS Code 9100, 9400, or 5500 when adjacent to Class B or C land may be classified similarly by action of a municipal government having zoning jurisdiction over such land. Notwithstanding any subsequent changes in actual land use, land so classified retains such B or C classification until the municipal government removes the classification adopted by it.

(Source: Amended at 30 Ill. Reg.5533, effective March 10, 2006)

Section 901.102 Sound Emitted to Class A Land

- a) Except as elsewhere provided in this Part, no person shall cause or allow the emission of sound during daytime hours from any property-line-noise-source located on any Class A, B or C land to any receiving Class A land which exceeds any allowable octave band sound pressure level specified in the following table, when measured at any point within such receiving Class A land, provided, however, that no measurement of sound pressure levels shall be made less than 25 feet from such property-line-noise-source.

Octave Band Center Frequency (Hertz)	Allowable Octave Band Sound Pressure Levels (dB) of Sound Emitted to any Receiving Class A Land from		
	Class C Land	Class B Land	Class A Land

31.5	75	72	72
63	74	71	71
125	69	65	65
250	64	57	57
500	58	51	51
1000	52	45	45
2000	47	39	39
4000	43	34	34
8000	40	32	32

- b) Except as provided elsewhere in this Part, no person shall cause or allow the emission of sound during nighttime hours from any property-line-noise-source located on any Class A, B or C land to any receiving Class A land which exceeds any allowable octave band sound pressure level specified in the following table, when measured at any point within such receiving Class A land, provided, however, that no measurement of sound pressure levels shall be made less than 25 feet from such property-line-noise-source.

Octave Band Center Frequency (Hertz)	Allowable Octave Band Sound Pressure Levels (dB) of Sound Emitted to any Receiving Class A Land from		
	Class C Land	Class B Land	Class A Land
31.5	69	63	63
63	67	61	61
125	62	55	55
250	54	47	47
500	47	40	40
1000	41	35	35
2000	36	30	30
4000	32	25	25
8000	32	25	25

(Source: Amended at 30 Ill. Reg.5533, effective March 10, 2006)

Section 901.103 Sound Emitted to Class B Land

Except as provided elsewhere in this Part, no person shall cause or allow the emission of sound from any property-line-noise-source located on any Class A, B or C land to any receiving Class B land which exceeds any allowable octave band sound pressure level specified in the following table, when measured at any point within such receiving Class B land, provided, however, that no measurement of sound pressure levels shall be made less than 25 feet from such property-line-noise-source.

Octave Band Center Frequency (Hertz)	Allowable Octave Band Sound Pressure Levels (dB) of Sound Emitted to any Receiving Class B Land from		
	Class C Land	Class B Land	Class A Land

31.5	80	79	72
63	79	78	71
125	74	72	65
250	69	64	57
500	63	58	51
1000	57	52	45
2000	52	46	39
4000	48	41	34
8000	45	39	32

(Source: Amended at 30 Ill. Reg.5533, effective March 10, 2006)

Section 901.104 Highly-Impulsive Sound

Except as provided elsewhere in this Part, no person shall cause or allow the emission of highly-impulsive sound from any property-line-noise-source located on any Class A, B, or C land to any receiving Class A or B land which exceeds the allowable A-weighted sound levels, measured with fast dynamic characteristic, specified in the following table when measured in accordance with the procedure of 35 Ill. Adm. Code 900.103 at any point within such receiving Class A or B land, provided, however, that no measurement of sound levels shall be made less than 25 feet from such property-line-noise-source.

Classification of Land on which Property-Line Noise-Source: is Located	Allowable A-weighted Sound Levels in Decibels of Highly-Impulsive Sound Emitted to Receiving Class A or B Land		
	Class B Land	Class A Land	
		Daytime	Nighttime
Class A Land	47	47	37
Class B Land	54	47	37
Class C Land	58	53	43

(Source: Amended at 30 Ill. Reg.5533, effective March 10, 2006)

Section 901.105 Impact Forging Operations

- a) For purposes of this Section, only the following are applicable:
 - 1) Daytime hours means any continuous 16-hour period between 6:00 a.m. and 11:00 p.m. local time; and
 - 2) Nighttime hours means those 8 hours between 10:00 p.m. and 7:00 a.m. which are not part of the 16 continuous daytime hours.

- 3) The reference time for L_{eq} , as defined in 35 Ill. Adm. Code 900.101 is one hour.
- 4) New Impacting Forging Operation is that property-line-noise-source comprised of impact forging operation on which construction began after September 1, 1982.
- 5) Existing Impact Forging Operation is that property-line-noise-source comprised of impact forging operations which are in existence on September 1, 1982,

b) Emission Limitations for New Impact Forging Operation.
 No impact forging operation shall cause or allow the emission of impulsive sound to any receiving Class A or B land which exceeds the allowable sound levels specified in the following table when measured at any point within such receiving land, provided however, that no measurement of sound levels shall be made less than 25 feet from such new impact forging operation's property-line.

Allowable Highly- Impulsive Sound Levels (L_{eq}) in Decibels Emitted
 To Class A or B Land from New
 Impact Forging Operation

Class B Land	Class A Land	
	Daytime	Nighttime
59.5	53.5	48.5

c) Limitations for Existing Impact Forging Operation

No existing impact forging operation shall cause or allow the emission of highly-impulsive sound to any receiving Class A or B land which exceeds the allowable sound levels specified in the following table, when measured at any point within such receiving land, provided however, that no measurement of sound levels shall be made less than 25 feet from such existing impact forging operation's property-line, unless such forging operation is granted a permanent site specific allowable operational level pursuant to subsection (d).

Allowable Highly- Impulsive Sound Levels (L_{eq}) in Decibels Emitted
 To Class A or B Land from Existing
 Impact Forging Operation

Class B Land	Class A Land	
	Daytime	Nighttime
64.5	58.5	53.5

d) Site Specific Allowable Operational Level for Existing Impact Forging Operation

- 1) An existing impact forging operation which does not comply with subsection (c) may seek a permanent site specific allowable operational level from the Board. A permanent site specific level is that level of operation allowed petitioner after

review and approval by the Board and after implementation of abatement measures, if any, approved by the Board.

- 2) Any existing impact forging operation seeking a permanent site specific operational level must submit as its petition the following:
 - A) The location of the petitioner, a description of the surrounding community, and a map locating the petitioner within the community;
 - B) A description of the petitioner's operations, the number and size of the petitioner's forging hammers, the current hours of hammer operation, the approximate number of forgings manufactured during each of the three prior calendar years and the approximate number of hammer blows used to manufacture the forgings.
 - C) A description of any existing sound abatement measure.
 - D) The sound levels in excess of those permitted by subsection (c) emitted by the petitioner into the community, in 5 decibel increments measured in L_{eq} , shown on the map of the community.
 - E) The number of residences exposed to sound levels in excess of those permitted by subsection (c);
 - F) A description of other significant sources of noise (mobile and stationary) and their location shown on the map of the community;
 - G) A description of the proposed operational level and proposed physical abatement measures, if any, a schedule for their implementation and their costs;
 - H) The predicted improvement in community sound levels as a result of implementation of the proposed abatement measures; and
 - I) A description of the economic and technical considerations which justify the permanent site specific allowable operational level sought by petitioner.

e) Land Use Classifications Preserved

The land use classifications in effect within a one-mile radius of an existing impact forging operation on September 1, 1982 remains the applicable land use classification for enforcement of these rules against an existing forging operation and any future modification thereof, regardless of actual subsequent changes in land use unless such actual changes would impose less restrictive limitations on the impact forging operations.

f) Site-Specific Operational Levels

Each individual existing forging operation identified in Sections 901.110, 901.111 and 901.112 must comply with the site-specific operational level defined, or is otherwise subject to Section 901.105(c).

(Source: Amended at 30 Ill. Reg.5533, effective March 10, 2006)

Section 901.106 Prominent Discrete Tones

- a) No person shall cause or allow the emission of any prominent discrete tone from any property-line-noise-source located on any Class A, B or C land to any receiving Class A, B or C land, provided, however, that no measurement of one-third octave band sound pressure levels shall be made less than 25 feet from such property-line source.
- b) This rule shall not apply to prominent discrete tones having a one-third octave band sound pressure level 10 or more dB below the allowable octave band sound pressure level specified in Sections 901.102 through 901.104 for the octave band which contains such one-third octave band. In the application of this sub-section, the applicable numeric standard for sound emitted from any existing property-line-noise-source to receiving Class A land, for both daytime and nighttime operations, is found in Section 901.102(a).

(Source: Amended at 30 Ill. Reg.5533, effective March 10, 2006)

Section 901.107 Exceptions

- a) Sections 901.102 through 901.106 inclusive does not apply to sound emitted from land used as specified by LBCS Codes 1100, 6600 and 5500.
- b) Sections 901.102 through 901.106 inclusive does not apply to sound emitted from emergency warning devices and unregulated safety relief valves.
- c) Sections 901.102 through 901.106 inclusive does not apply to sound emitted from lawn care maintenance equipment and agricultural field machinery used during daytime hours. For the purposes of this sub-section, grain dryers operated off the farm are not considered agricultural field machinery.
- d) Sections 901.102 through 901.106 inclusive do not apply to sound emitted from equipment being used for construction.
- e) Section 901.102(b) do not apply to sound emitted from existing property-line-noise-sources during nighttime hours, provided, however, that sound emitted from such existing property-line-noise-sources are governed during nighttime hours by the limits specified in Section 901.102.

- f) Sections 901.102 through 901.106 inclusive do not apply to the operation of any vehicle registered for highway use while such vehicle is being operated within any land used as specified by Section 901.101 in the course of ingress to or egress from a highway.
- g) Sections 901.102 through 901.106 inclusive do not apply to sound emitted from land used as specified by LBCS Codes 5130 and 5140 when used for automobile and motorcycle racing; and, any land used for contests, rallies, time trials, test runs or similar operations of any self-propelled device, and upon or by which any person is or may be transported or drawn, when such self-propelled device is actually being used for sport or recreation and is actually participating in an activity or event organized, regulated, and supervised under the sponsorship and sanction of a club, organization or corporation having national or statewide recognition; provided, however, that the exceptions granted in this subsection do not apply to any automobile and motorcycle race, contest, rally, time trial, test run or similar operation of any self-propelled device if such event is started between the hours of 10:30 p.m. to 7:00 a.m., local time weekdays, or between the hours of 11:00 p.m. and 7:00 a.m., local time, weekend days.
- h) Section 901.104 shall not apply to impulsive sound produced by explosive blasting activities conducted on any Class C land other than the land used as specified by LBCS Codes 8300 and 8500, but such operations shall be governed by Section 901.109.
- i) Part 901 shall not apply to impulsive sound produced by explosive blasting activities, which are:
 - 1) Conducted on any Class C land used as specified by LBCS Codes 8300 and 8500; and
 - 2) Regulated by the Department of Natural Resources in accordance with Section 6.5 of the Surface-Mined Land Conservation and Reclamation Act [225 ILCS 715/6.5] and Section 3.13 of the Surface Coal Mining Land Conservation and Reclamation Act [225 ILCS 720/3.13].
- j) Sections 901.102 through 901.106 inclusive do not apply to sound emitted from snowmobiles.

(Source: Amended at 30 Ill. Reg.5533, effective March 10, 2006)

Section 901.108 Compliance Dates for Part 901

- a) Except as provided in subsections (g), (i), and (j), every owner or operator of a new property-line-noise-source must comply with the standards and limitations of this Part on and after August 10, 1973.
- b) Except as otherwise provided in this rule, every owner or operator of an existing property-line-noise-source must comply with the standards and limitations of this Part on and after August 10, 1974.

- c) Every owner or operator of an existing property-line-noise-source who emits sound which exceeds any allowable octave band sound pressure level of Section 901.102 or 901.103 by 10 dB or more in any octave band with a center frequency of 31.5 Hertz, 63 Hertz or 125 Hertz must comply with the standards and limitations of this Part on and after February 10, 1975.
- d) Except as provided in subsections (g) and (h), every owner or operator of an existing property-line-noise-source required to comply with Section 901.104 must comply with the standards and limitations of this Part on and after February 10, 1975.
- e) Every owner or operator of an existing property-line-noise-source required to comply with Section 901.106 must comply with the standards and limitations of this Part on and after February 10, 1975.
- f) Every owner or operator of Class C land now and hereafter used as specified by LBCS Code 4120 will have until August 10, 1976 to bring the sound from railroad car coupling in compliance with Section 901.104.
- g) Existing impact forging operations as defined in Section 901.105 which do not seek permanent site specific allowable operational levels must comply with Section 901.105 by December 1, 1983. Those seeking permanent site specific allowable operational levels pursuant to Section 901.105(d) must comply as of the effective date of the site specific rule granted or denied.
- h) Every owner or operator of Class C land now or hereafter used as specified by LBCS Code 3310 must comply with the standards and limitations of this Part on August 10, 1975.
- i) Every owner or operator of Class C land now or hereafter used as specified by LBCS Code 5130 and 5140 when used for automobile and motorcycle racing must comply with the standards and limitations of this Part on February 10, 1976.

(Source: Amended at 30 Ill. Reg.5533, effective March 10, 2006)

Section 901.109 Highly-Impulsive Sound From Explosive Blasting

- a) During the daytime hours that cover the period after sunrise and before sunset, no person shall cause or allow any explosive blasting conducted on any Class C land other than land used as specified by LBCS Codes 8300 and 8500 so as to allow the emission of sound to any receiving Class A or B land which exceeds the allowable outdoor C-weighted sound levels, measured with the slow dynamic characteristic, specified in the following table, when measured at any point, of reasonable interference with the use of such receiving Class A or B land.

Allowable Outdoor C-Weighted
Sound Exposure Levels in Decibels of Explosive
Blasting Sounds Emitted to Receiving

Class A or B Land from Any Class C Land other than Land
Used as Specified by LBCS Code 8300 or 8500

Receiving Class A Land	Receiving Class B Land
107	112

The allowable sound exposure level limits in the above table must be lowered by three decibels (3 dB) for each doubling of the number of blasts during the day or night.

- b) Compliance with outdoor peak sound pressure level limits in the following table shall constitute prima facie level limits of this rule when measured on such receiving Class A or B land.

Equivalent Maximum Sound Pressure Level (Peak) Limits in Decibels

Lower Frequency Limit of Measuring System for Flat Response, a Variation from Linear Response of + or - 3dB (Hz)	Receiving Class A Land (dB)	Receiving Class B Land (dB)
< 2.0 but > 0.1	133	133

- c) During the period defined by both the beginning of the nighttime hours (10:00 pm) or sunset, whichever occurs earlier, and the ending of the nighttime hours (7:00 am) or sunrise, whichever occurs later, the allowable sound level limits in subsections (a) and (b) must be reduced by 10 decibels except in emergency situations where rain, lightning, other atmospheric conditions, or operator or public safety requires unscheduled nighttime hour explosive blasting.
- d) Persons causing or allowing explosive blasting to be conducted on any Class C land other than land used as specified by LBCS Code 8300 or 8500 must notify the local public of such blasting prior to its occurrence, except when emergency situations require unscheduled blasting, by publication of a blasting schedule, identifying the work days or dates and time periods when explosives are expected to be detonated, at least every three months in a newspaper of general circulation in the locality of the blast site.

(Source: Amended at 30 Ill. Reg.5533, effective March 10, 2006)

Section 901.110 Amforge Operational Level

Amforge Division of Rockwell International located at 119th Street, Chicago, Illinois must:

- a) Operate only ten forging hammers at any one time;

- b) Operation of its forging hammers is limited to the hours of 7:00 a.m. through 11:00 p.m., with occasional operations beginning at 6:00 a.m. and ending at midnight, Monday through Saturdays; and
- c) Install sound absorptive materials on each of the forging hammer structures as each is routinely overhauled, but no later than January 1, 1987.

(Source: Amended at 30 Ill. Reg.5533, effective March 10, 2006)

Section 901.111 Modern Drop Forge Operational Level

Modern Drop Forge Company located at 139th Street and Western Avenue in Blue Island, Illinois must:

- a) Operate only twenty-one forging hammers at any one time; and
- b) Operate its forging hammers only during the hours of 6:00 a.m. through midnight, Mondays through Fridays, and 6:30 a.m. until 7:30 p.m. on Saturdays.

(Source: Amended at 30 Ill. Reg.5533, effective March 10, 2006)

Section 901.112 Wyman-Gordon Operational Level

Wyman-Gordon Company located at 147th Street and Wood Street, Harvey, Illinois shall:

- a) Operate only six forging hammer units, each consisting of two hammers, after January 1, 1984.
- b) Operate forging units in Buildings 6 and 7, located at the southern perimeter of the Wyman-Gordon Company's Harvey facility, to produce no more than 20% of the total annual hammer production at the Harvey facility;
- c) Operate forging units between the hours of 6:00 a.m. and midnight; limit forging operations on Saturdays and Sundays to no more than half a year's total; and limit forging operations during the hours of 6:00 a.m. and 7:00 a.m. and 11:00 p.m. and midnight to less than 2% of the Harvey's facility total annual hammer production; and
- d) Consolidate the two existing steel inventory yards at the one located north of Building 75 no later than January 1, 1984.

(Source: Recodified from Section 901.105(f)(3) at 9 Ill. Reg. 7147)

Section 901.113 Wagner Casting Site-Specific Operational Level (Repealed)

(Source: Repealed at 30 Ill. Reg.5533, effective March 10, 2006)

Section 901.114 Moline Forge Operational Level

Moline Forge and future owners of the forging facility located at 4101 Fourth Avenue, Moline, Illinois, shall comply with the following site-specific operational level:

- a) Operate no more than nine forging hammers at any one time; and
- b) Operate its forging hammers only between the hours of 6:00 a.m. until 11:00 p.m. Monday through Friday and from 6:00 a.m. until 3:30 p.m. on Saturdays.

(Source: Added at 9 Ill. Reg. 1405, effective January 17, 1985)

Section 901.115 Cornell Forge Hampshire Division Site-Specific Operational Level

Cornell Forge, Hampshire Division and future owners of the forging facility located at Walker Road, Hampshire, Illinois, shall comply with the following site-specific operational level:

- a) Operate no more than seven forging hammers at any one time; and
- b) Operate its forging hammers only on Monday through Saturday between the hours of 7:00 a.m. to 3:30 p.m. with an additional shift that may run from either 3:30 p.m. to 12:00 p.m. or from 10:30 p.m. to 7:00 a.m.

(Source: Added at 9 Ill. Reg. 1405, effective January 17, 1985)

Section 901.116 Forgings and Stampings, Inc. Operational Level

Forgings and Stampings, Inc. and future owners of the forging facility located at 1025 23rd Avenue, Rockford, Illinois, shall comply with the following site-specific operational level:

- a) Operate no more than six forging hammers at any one time; and
- b) Operate its forging hammers only between the hours of 6:00 a.m. and 6:00 p.m. Monday through Friday and 6:00 a.m. and 2:00 p.m. on Saturday.

(Source: Added at 9 Ill. Reg. 1405, effective January 17, 1985)

Section 901.117 Rockford Drop Forge Company Operational Level

Rockford Drop Forge Company and future owners of the forging facility located at 2031 Ninth Street, Rockford, Illinois, shall comply with the following site-specific operational level:

- a) Operate no more than twelve forging hammers at any one time; and
- b) Operate its forging hammers only between the hours of 6:00 a.m. and 10:00 p.m. Monday through Saturday.

(Source: Added at 9 Ill. Reg. 1405, effective January 17, 1985)

Section 901.118 Scot Forge Company – Franklin Park Division Operational Level

Scot Forge and future owners of the forging facility located at 9394 W. Belmont Avenue, Franklin Park, Illinois, must comply with the following site-specific operational level:

- a) Operate no more than seven forging hammers at any one time; and
- b) Operate its forging hammers only between the hours of 6:00 a.m. and 6:00 p.m. Monday through Saturday.

(Source: Amended at 30 Ill. Reg.5533, effective March 10, 2006)

Section 901.119 Clifford-Jacobs Operational Level

Clifford-Jacobs Forging Company and future owners of the forging facility located at 2410 North Fifth Street, Champaign, Illinois, must comply with the following site-specific operational level and sound limitations:

- a) Operate no more than fourteen hammers at any one time;
- b) Operate its forging hammers up to 24 hours per day, Monday through Saturday;
- c) Must not cause or allow the emission of sound from the facility to exceed 65 dB (A-weighted Leq) at the far southwest corner of the facility's property line adjacent to Wallace Avenue between the hours of 11 p.m. to 6:00 a.m., Monday through Saturday;
- d) Must investigate new technologies, sound abatement measures, and possible operational changes to mitigate the sound emissions from its forging operations; and
- e) Must submit to the Board a report on the findings of the investigation pursuant to subsection (d) of this Section, once every 10 years after December 15, 2015. The report must be filed with the Clerk of the Board at the following address:

Office of the Clerk
Pollution Control Board
James R. Thompson Center
100 West Randolph Street, Suite 11-500
Chicago, Illinois 60601

(Source: Amended at 39 Ill. Reg. 16264, effective December 7, 2015)

Section 901.120 C.S. Norcross Operational Level

C.S. Norcross & Sons Company and future owners of the forging facility located at the intersection of Davis and Dean Streets, Bushnell, Illinois, shall comply with the following site-specific operational level:

- a) Operate no more than twelve forging hammers at any one time; and
- b) Operate its forging hammers only between the hours of 7:00 a.m. and 1:00 a.m. Monday through Saturday.

(Source: Added at 9 Ill. Reg. 7149, effective May 7, 1985)

Section 901.121 Vaughan & Bushnell Operational Level

Vaughan & Bushnell Manufacturing Company and the future owners of the forging facility located at the intersection of Davis and Main Streets, Bushnell, Illinois, must comply with the following site-specific operational level:

- a) Operate no more than ten hammers at any one time; and
- b) Vaughan & Bushnell may operate 24 hours per day, Monday through Sunday.

(Source: Amended at 31 Ill. Reg. 1984, effective January 12, 2007)

Section 901.122 Ameren Elgin Facility Site-Specific Noise Emission Limitations

The Combustion Turbine Power Generation Facility located at 1559 Gifford Road in Elgin, Illinois shall not cause or allow the emission of sound from any property-line-noise source located on that property which exceeds any allowable octave band sound pressure level specified in the following table, when measured at any point within the receiving Class A or Class B land.

Octave Band Center Frequency (Hertz)	Allowable Octave Band Sound Pressure Levels (dB) of Sound Emitted to any Receiving Class A or Class B Land from Ameren Elgin Facility	
	Class A Land	Class B Land
31.5	80	80
63	74	79
125	69	74
250	64	69
500	58	63
1000	58	58
2000	58	58
4000	50	50
8000	40	45

(Source: Added at 28 Ill. Reg.11910, effective July 30, 2004)

Section 901.APPENDIX A Old Rule Numbers Referenced

The following table is provided to aid in referencing old Board rule numbers to section numbers pursuant to codification.

Old Part 2 of Chapter 8	35 Ill. Adm. Code Part 901
Rule 201	Section 901.101
Rule 202	Section 901.102(a)
Rule 203	Section 901.102(b)
Rule 204	Section 901.103
Rule 205	Repealed
Rule 205 (was old 206)	Section 901.104
Rule 206 (new rule)	Section 901.105
Rule 207	Section 901.106
Rule 208	Section 901.107
Rule 209	Section 901.108
Rule 210	Section 901.109
Added in Codification	Appendix A
Unnumbered Appendix to Chapter 8, Part 2	Appendix B

Section 901.APPENDIX B Land-Based Classification Standards and Corresponding 35 Ill. Adm. Code 901 Land Classes

LBCS		Description	35 IAC 901 Land Class	
Main Category	Function Code			
Residence or accommodation functions	1000	Residence or accommodation functions	A	
	1100	Private household		
	1200	Housing services for the elderly	<input type="checkbox"/>	
	1210	Retirement housing services		
	1220	Congregate living services		
	1230	Assisted-living services		
	1240	Life care or continuing care services		
	1250	Skilled-nursing services		
	1300	Hotels, motels, or other accommodation services		<input type="checkbox"/>
	1310	Bed and breakfast inn		
	1320	Rooming and boarding		
	1330	Hotel, motel, or tourist court		
		1340	Casino hotel	A
	General sales or services	2000	General sales or services	B
2100		Retail sales or service		
2110		Automobile sales or service establishment		
2111		Car dealer		
2112		Bus, truck, mobile homes, or large vehicles	<input type="checkbox"/>	
2113		Bicycle, motorcycle, ATV, etc.	<input type="checkbox"/>	
2114		Boat or marine craft dealer	<input type="checkbox"/>	
2115		Parts, accessories, or tires	<input type="checkbox"/>	
2116		Gasoline service	<input type="checkbox"/>	
2120		Heavy consumer goods sales or service	<input type="checkbox"/>	
2121		Furniture or home furnishings	<input type="checkbox"/>	
2122		Hardware, home centers, etc.	<input type="checkbox"/>	
2123		Lawn and garden supplies	<input type="checkbox"/>	
2124		Department store, warehouse club or superstore	<input type="checkbox"/>	
2125		Electronics and Appliances	<input type="checkbox"/>	
2126		Lumber yard and building materials	<input type="checkbox"/>	
2127		Heating and plumbing equipment	<input type="checkbox"/>	
2130		Durable consumer goods sales and service	<input type="checkbox"/>	
2131	Computer and software	<input type="checkbox"/>		
2132	Camera and photographic supplies	<input type="checkbox"/>		

LBCS		Description	35 IAC 901 Land Class
Main Category	Function Code		
	2133	Clothing, jewelry, luggage, shoes, etc.	<input type="checkbox"/>
	2134	Sporting goods, toy and hobby, and musical instruments	<input type="checkbox"/>
	2135	Books, magazines, music, stationery	<input type="checkbox"/>
	2140	Consumer goods, other	<input type="checkbox"/>
	2141	Florist	<input type="checkbox"/>
	2142	Art dealers, supplies, sales and service	<input type="checkbox"/>
	2143	Tobacco or tobacconist establishment	<input type="checkbox"/>
	2144	Mail order or direct selling establishment	<input type="checkbox"/>
	2145	Antique shops, flea markets, etc.	<input type="checkbox"/>
	2150	Grocery, food, beverage, dairy, etc.	<input type="checkbox"/>
	2151	Grocery store, supermarket, or bakery	<input type="checkbox"/>
	2152	Convenience store	<input type="checkbox"/>
	2153	Specialty food store	<input type="checkbox"/>
	2154	Fruit and vegetable store	<input type="checkbox"/>
	2155	Beer, wine, and liquor store	<input type="checkbox"/>
	2160	Health and personal care	<input type="checkbox"/>
	2161	Pharmacy or drug store	<input type="checkbox"/>
	2162	Cosmetic and beauty supplies	<input type="checkbox"/>
	2163	Optical	<input type="checkbox"/>
	2200	Finance and Insurance	<input type="checkbox"/>
	2210	Bank, credit union, or savings institution	<input type="checkbox"/>
	2220	Credit and finance establishment	<input type="checkbox"/>
	2230	Investment banking, securities, and brokerages	<input type="checkbox"/>
	2240	Insurance-related establishment	<input type="checkbox"/>
	2250	Fund, trust, or other financial establishment	<input type="checkbox"/>
	2300	Real estate, and rental and leasing	<input type="checkbox"/>
	2310	Real estate services	<input type="checkbox"/>
	2320	Property management services	<input type="checkbox"/>
	2321	Commercial property-related	<input type="checkbox"/>
	2322	Rental housing-related	<input type="checkbox"/>
	2330	Rental and leasing	<input type="checkbox"/>
	2331	Cars	<input type="checkbox"/>
	2332	Leasing trucks, trailers, RVs, etc.	<input type="checkbox"/>
	2333	Recreational goods rental	<input type="checkbox"/>
	2334	Leasing commercial, industrial machinery, and equipment	<input type="checkbox"/>
	2335	Consumer goods rental	<input type="checkbox"/>
	2336	Intellectual property rental (video, music, software, etc.)	B

LBCS		Description	35 IAC 901 Land Class
Main Category	Function Code		
	2400	Business, professional, scientific, and technical services	
	2410	Professional services	A
	2411	Legal services	
	2412	Accounting, tax, bookkeeping, payroll services	
	2413	Architectural, engineering, and related services	<input type="checkbox"/>
	2414	Graphic, industrial, interior design services	<input type="checkbox"/>
	2415	Consulting services (management, environmental, etc.)	<input type="checkbox"/>
	2416	Research and development services (scientific, etc.)	<input type="checkbox"/>
	2417	Advertising, media, and photography services	<input type="checkbox"/>
	2418	Veterinary services	<input type="checkbox"/>
	2420	Administrative services	<input type="checkbox"/>
	2421	Office and administrative services	<input type="checkbox"/>
	2422	Facilities support services	<input type="checkbox"/>
	2423	Employment agency	<input type="checkbox"/>
	2424	Business support services	<input type="checkbox"/>
	2425	Collection agency	<input type="checkbox"/>
	2430	Travel arrangement and reservation services	<input type="checkbox"/>
	2440	Investigation and security services	<input type="checkbox"/>
	2450	Services to buildings and dwellings	<input type="checkbox"/>
	2451	Extermination and pest control	<input type="checkbox"/>
	2452	Janitorial	<input type="checkbox"/>
	2453	Landscaping	<input type="checkbox"/>
	2454	Carpet and upholstery cleaning	
	2455	Packing, crating, and convention and trade show services	A
	2500	Food services	B
	2510	Full-service restaurant	
	2520	Cafeteria or limited service restaurant	
	2530	Snack or nonalcoholic bar	<input type="checkbox"/>
	2540	Bar or drinking place	<input type="checkbox"/>
	2550	Mobile food services	<input type="checkbox"/>
	2560	Caterer	<input type="checkbox"/>
	2570	Food service contractor	<input type="checkbox"/>
	2580	Vending machine operator	<input type="checkbox"/>
	2600	Personal services	<input type="checkbox"/>
	2700	Pet and animal sales or service (except veterinary)	<input type="checkbox"/>
	2710	Pet or pet supply store	

LBCS		Description	35 IAC 901 Land Class
Main Category	Function Code		
	2720	Animal and pet services	B
Manufacturing and wholesale trade	3000	Manufacturing and wholesale trade	
	3100	Food, textiles, and related products	C
	3110	Food and beverages	
	3120	Tobacco manufacturing establishment	
	3130	Textiles	<input type="checkbox"/>
	3140	Leather and allied products	<input type="checkbox"/>
	3200	Wood, paper, and printing products	<input type="checkbox"/>
	3210	Wood products establishment	<input type="checkbox"/>
	3220	Paper and printing materials	<input type="checkbox"/>
	3230	Furniture and related products	<input type="checkbox"/>
	3300	Chemicals, and metals, machinery, and electronics manufacturing	<input type="checkbox"/>
	3310	Petroleum and coal products	<input type="checkbox"/>
	3320	Chemicals, plastics, and rubber products	<input type="checkbox"/>
	3330	Nonmetallic mineral products	<input type="checkbox"/>
	3340	Primary metal manufacturing	<input type="checkbox"/>
	3350	Machinery manufacturing	<input type="checkbox"/>
	3360	Electrical equipment, appliance, and components manufacturing	<input type="checkbox"/>
	3370	Transportation equipment, automobiles, etc.	<input type="checkbox"/>
	3400	Miscellaneous manufacturing	<input type="checkbox"/>
	3410	Jewelry and silverware	<input type="checkbox"/>
	3420	Dolls, toys, games, and musical instruments	<input type="checkbox"/>
3430	Office supplies, inks, etc.		
3440	Signs	C	
3500	Wholesale trade establishment	B	
3510	Durable goods		
3520	Nondurable goods	<input type="checkbox"/>	
3600	Warehouse and storage services	B	
Transportation, communication, information, and	4000	Transportation, communication, information, and utilities	
	4100	Transportation services	
	4110	Air transportation	U
	4111	Air passenger transportation	
	4112	Air freight transportation	
4113	Airport and support establishment	<input type="checkbox"/>	

LBCS		Description	35 IAC 901 Land Class
Main Category	Function Code		
	4114	Aircraft and accessories	
	4115	Other air transportation (including scenic, balloon, etc.)	U
	4120	Rail transportation	C
	4121	Rail passenger transportation	
	4122	Rail freight transportation	
	4123	Rail transportation support establishment	<input type="checkbox"/>
	4130	Road, ground passenger, and transit transportation	<input type="checkbox"/>
	4131	Local transit systems-mixed mode	<input type="checkbox"/>
	4132	Local transit systems-commuter rail	<input type="checkbox"/>
	4133	Local transit systems-bus, special needs, and other motor vehicles	<input type="checkbox"/>
	4134	Interurban, charter bus, and other similar establishments	<input type="checkbox"/>
	4135	School and employee bus transportation	<input type="checkbox"/>
	4136	Special purpose transit transportation (including scenic, sightseeing, etc.)	<input type="checkbox"/>
	4137	Taxi and limousine service	<input type="checkbox"/>
	4138	Towing and other road and ground services	<input type="checkbox"/>
	4140	Truck and freight transportation services	<input type="checkbox"/>
	4141	General freight trucking, local	<input type="checkbox"/>
	4142	General freight trucking, long-distance	<input type="checkbox"/>
	4143	Freight trucking, specialized (used household and office goods)	<input type="checkbox"/>
	4144	Freight trucking, specialized (except used goods)	<input type="checkbox"/>
	4150	Marine and water transportation	<input type="checkbox"/>
	4151	Marine passenger transportation	<input type="checkbox"/>
	4152	Marine freight transportation	<input type="checkbox"/>
	4153	Marine port and harbor operations	<input type="checkbox"/>
	4154	Marine cargo handling and dry dock services	<input type="checkbox"/>
	4155	Marine navigational and other services	<input type="checkbox"/>
	4160	Courier and messenger services	<input type="checkbox"/>
	4170	Postal services	
	4180	Pipeline transportation	C
	4200	Communications and information	
	4210	Publishing	C
	4211	Newspapers, books, periodicals, etc.	C
	4212	Software publisher	C
	4220	Motion pictures and sound recording	B

LBCS		Description	35 IAC 901 Land Class
Main Category	Function Code		
	4221	Motion picture and video production, publishing, and distribution	
	4222	Motion picture viewing and exhibition services	<input type="checkbox"/>
	4223	Sound recording, production, publishing, and distribution	<input type="checkbox"/>
	4230	Telecommunications and broadcasting	<input type="checkbox"/>
	4231	Radio and television broadcasting	<input type="checkbox"/>
	4232	Cable networks and distribution	<input type="checkbox"/>
	4233	Wireless telecommunications	<input type="checkbox"/>
	4234	Telephone and other wired telecommunications	<input type="checkbox"/>
	4240	Information services and data processing industries	<input type="checkbox"/>
	4241	Online information services	<input type="checkbox"/>
	4242	Libraries and archives	
	4243	News syndicate	B
	4300	Utilities and utility services	C
	4310	Electric power	
	4311	Hydroelectric	
	4312	Fossil	<input type="checkbox"/>
	4313	Nuclear	<input type="checkbox"/>
	4314	Alternative energy sources	<input type="checkbox"/>
	4320	Natural gas, petroleum, fuels, etc.	<input type="checkbox"/>
	4330	Water, steam, air conditioning supply	<input type="checkbox"/>
	4331	Drinking water	<input type="checkbox"/>
	4332	Irrigation and industrial water supply	<input type="checkbox"/>
	4333	Air conditioning and steam supply	<input type="checkbox"/>
	4340	Sewer, solid waste, and related services	<input type="checkbox"/>
	4341	Hazardous waste collection	<input type="checkbox"/>
	4342	Hazardous waste treatment and disposal	<input type="checkbox"/>
	4343	Solid waste collection	<input type="checkbox"/>
	4344	Solid waste combustor or incinerator	<input type="checkbox"/>
	4345	Solid waste landfill	<input type="checkbox"/>
	4346	Waste treatment and disposal	<input type="checkbox"/>
	4347	Septic tank and related services	
			C
Arts, entertainment , and	5000	Arts, entertainment, and recreation	
	5100	Performing arts or supporting establishment	B
	5110	Theater, dance, or music establishment	
	5120	Sports team or club	
	5130	Racetrack establishment	<input type="checkbox"/>

LBCS		Description	35 IAC 901 Land Class
Main Category	Function Code		
	5140	Promoter of performing arts, sports, and similar events	<input type="checkbox"/>
	5150	Agent for management services	
	5160	Independent artist, writer, or performer	B
	5200	Museums and other special purpose recreational institutions	A
	5210	Museum	
	5220	Historical or archeological institution	<input type="checkbox"/>
	5230	Zoos, botanical gardens, arboreta, etc.	A
	5300	Amusement, sports, or recreation establishment	B
	5310	Amusement or theme park establishment	
	5320	Games arcade establishment	
	5330	Casino or gambling establishment	<input type="checkbox"/>
	5340	Miniature golf establishment	<input type="checkbox"/>
	5350	Skiing	<input type="checkbox"/>
	5360	Marina or yachting club facility operators	<input type="checkbox"/>
	5370	Fitness, recreational sports, gym, or athletic club,	<input type="checkbox"/>
	5380	Bowling, billiards, pool, etc.	<input type="checkbox"/>
	5390	Skating rinks, roller skates, etc.	
	5400	Camps, camping, and related establishments	B
	5500	Natural and other recreational parks	A
Education, public admin., health care, and other inst.	6000	Education, public admin., health care, and other inst.	
	6100	Educational services	
	6110	Nursery and preschool	A
	6120	Grade schools	
	6121	Elementary	
	6122	Middle	<input type="checkbox"/>
	6123	Senior	<input type="checkbox"/>
	6124	Continuance	<input type="checkbox"/>
	6125	Alternate education services	<input type="checkbox"/>
	6126	Adult education services	<input type="checkbox"/>
	6130	Colleges and universities	<input type="checkbox"/>
	6140	Technical, trade, and other specialty schools	<input type="checkbox"/>
	6141	Beauty schools	<input type="checkbox"/>
	6142	Business management	<input type="checkbox"/>
	6143	Computer training	<input type="checkbox"/>
	6144	Driving education	
	6145	Fine and performing arts education	A

LBCS		Description	35 IAC 901 Land Class
Main Category	Function Code		
	6146	Flight training	U
	6147	Sports and recreation education	B
	6200	Public administration	
	6210	Legislative and executive functions	B
	6220	Judicial functions	B
	6221	Courts	B
	6222	Correctional institutions	A
	6300	Other government functions	B
	6310	Military and national security	
	6320	Space research and technology	
	6400	Public Safety	<input type="checkbox"/>
	6410	Fire and rescue	<input type="checkbox"/>
	6420	Police	
	6430	Emergency response	B
	6500	Health and human services	
	6510	Ambulatory or outpatient care services	A
	6511	Clinics	
	6512	Family planning and outpatient care centers	
	6513	Medical and diagnostic laboratories	<input type="checkbox"/>
	6514	Blood and organ banks	<input type="checkbox"/>
	6520	Nursing, supervision, and other rehabilitative services	
	6530	Hospital	A
	6560	Social assistance, welfare, and charitable services	B
	6561	Child and youth services	
	6562	Child day care	
	6563	Community food services	<input type="checkbox"/>
	6564	Emergency and relief services	<input type="checkbox"/>
	6565	Other family services	<input type="checkbox"/>
	6566	Services for elderly and disabled	
	6567	Veterans affairs	B
	6568	Vocational rehabilitation	A
	6600	Religious institutions	A
	6700	Death care services	B
	6710	Funeral homes and services	
	6720	Cremation services and cemeteries	
	6800	Associations, nonprofit organizations, etc.	<input type="checkbox"/>
	6810	Labor and political organizations	<input type="checkbox"/>

LBCS		Description	35 IAC 901 Land Class
Main Category	Function Code		
	6820	Business associations and professional membership organizations	<input type="checkbox"/>
	6830	Civic, social, and fraternal organizations	B
Construction-related businesses	7000	Construction-related businesses	
	7100	Building, developing, and general contracting	B
	7110	Residential construction	
	7120	Land development and subdivision	
	7130	Industrial, commercial and institutional building construction	<input type="checkbox"/>
	7200	Machinery related	<input type="checkbox"/>
	7210	Building equipment and machinery installation contractors	<input type="checkbox"/>
	7220	Excavation contractor	<input type="checkbox"/>
	7230	Water well drilling contractor	<input type="checkbox"/>
	7240	Wrecking and demolition establishment	<input type="checkbox"/>
	7250	Structural steel erection contractor	<input type="checkbox"/>
	7300	Special trade contractor	<input type="checkbox"/>
	7310	Carpentry, floor, and tile contractor	<input type="checkbox"/>
	7320	Concrete contractor	<input type="checkbox"/>
	7330	Electrical contractor	<input type="checkbox"/>
	7340	Glass and glazing contractor	<input type="checkbox"/>
	7350	Masonry and drywall contractors	<input type="checkbox"/>
	7360	Painting and wall covering	<input type="checkbox"/>
	7370	Plumbing, heating, and air-conditioning	
	7380	Roofing, siding, and sheet metal contractors	B
7400	Heavy construction	C	
	7410	Highway and street construction;	
	7420	Bridge and tunnel construction	
	7430	Water, sewer, and pipeline construction	<input type="checkbox"/>
	7440	Power lines, communication and transmission lines	
	7450	Industrial and other nonbuilding construction	C
Mining and extraction establishments	8000	Mining and extraction establishments	C
	8100	Oil and natural gas	
	8200	Metals (iron, copper, etc.)	
	8300	Coal	<input type="checkbox"/>
	8400	Nonmetallic mining	
	8500	Quarrying and stone cutting establishment	C

LBCS		Description	35 IAC 901 Land Class
Main Category	Function Code		
Agriculture, forestry, fishing and hunting	9000	Agriculture, forestry, fishing and hunting	
	9100	Crop production	C
	9110	Grain and oilseed	
	9111	Wheat	
	9112	Corn	<input type="checkbox"/>
	9113	Rice	<input type="checkbox"/>
	9114	Soybean and oilseed	<input type="checkbox"/>
	9115	Dry pea and bean	<input type="checkbox"/>
	9120	Vegetable farming or growing services	<input type="checkbox"/>
	9130	Fruits and trees	<input type="checkbox"/>
	9140	Greenhouse, nursery, and floriculture	<input type="checkbox"/>
	9141	Food crops grown under cover	<input type="checkbox"/>
	9142	Nursery and tree production	<input type="checkbox"/>
	9143	Floriculture production	<input type="checkbox"/>
	9150	All other crops	<input type="checkbox"/>
	9151	Tobacco crop	<input type="checkbox"/>
	9152	Cotton crop	<input type="checkbox"/>
	9153	Sugarcane crop	<input type="checkbox"/>
	9154	Hay	<input type="checkbox"/>
	9155	Peanut crop	<input type="checkbox"/>
	9200	Support functions for agriculture	<input type="checkbox"/>
	9210	Farm and farm labor management services	<input type="checkbox"/>
	9220	Spraying, dusting, and other related services	<input type="checkbox"/>
	9230	Crop harvesting and post harvest crop activities (including drying, siloing, etc.)	<input type="checkbox"/>
	9240	Cotton ginning, grist milling, etc.	<input type="checkbox"/>
	9300	Animal production including slaughter	<input type="checkbox"/>
	9310	Cattle ranch and crops	<input type="checkbox"/>
	9311	Beef cattle ranch establishments	<input type="checkbox"/>
	9312	Cattle feedlot establishment	<input type="checkbox"/>
	9320	Dairy cattle and milk production	<input type="checkbox"/>
	9330	Hog and pig farm	<input type="checkbox"/>
	9340	Poultry and egg production and hatcheries	<input type="checkbox"/>
9350	Sheep and goat farming establishments	<input type="checkbox"/>	
9360	Fish hatcheries, fisheries, and aquaculture	<input type="checkbox"/>	
9370	All other animal production	<input type="checkbox"/>	
9371	Apiculture (bees, wax, and related operations)	<input type="checkbox"/>	
9372	Horse and equine production	<input type="checkbox"/>	

LBCS		Description	35 IAC 901 Land Class
Main Category	Function Code		
	9373	Fur-bearing animal production	<input type="checkbox"/>
	9380	Support functions for animal production	<input type="checkbox"/>
	9400	Forestry and Logging	<input type="checkbox"/>
	9410	Logging	<input type="checkbox"/>
	9420	Forest nurseries	<input type="checkbox"/>
	9430	Support functions for forestry	<input type="checkbox"/>
	9500	Fishing, hunting and trapping, game preserves	<input type="checkbox"/>
	9510	Fishing	<input type="checkbox"/>
	9520	Hunting and trapping, game retreats, game and fishing preserves	C
	9900	Unclassifiable function	U
	9910	Not applicable to this dimension	
	9990	To be determined	<input type="checkbox"/>
	9999	To be determined	U

(Source: Amended at 30 Ill. Reg.5533, effective March 10, 2006)