# TITLE 35: ENVIRONMENTAL PROTECTION

# SUBTITLE H: NOISE

## CHAPTER I: POLLUTION CONTROL BOARD

### PART 901

### SOUND EMISSION STANDARDS AND LIMITATIONS FOR PROPERTY LINE-NOISE-SOURCES

Section

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

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; amended in R18-19 at 42 Ill. Reg. \_\_\_\_\_\_, effective November 1, 2018.

#### Section 901.101 Classification of Land According to Use

a) The land use classification system for applying the numeric sound standards of this Part is based on the Land-Based Classification Standards (LBCS) (Jeer, Sanjay; 2001; Land-Based Classification Standards; online at https://www.planning.org/lbcs; American Planning Association: Chicago, Illinois). The LBCS applicable to this Part is 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, and 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, and 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 with zoning jurisdiction over that land. Despite any subsequent changes in actual land use, land so classified retains the B or C classification until the municipal government removes the classification adopted by it.

(Source: Amended at 42 Ill. Reg. \_\_\_\_\_\_, effective November 1, 2018)

Section 901.102 Sound Emitted to Class A Land

a) Except as elsewhere provided in this Part, a person must not 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 that exceeds any allowable octave band sound pressure level specified in the following table, when measured at any point within the receiving Class A land. Sound pressure levels must be measured at least 25 feet from the 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, person must not 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 that exceeds any allowable octave band sound pressure level specified in the following table, when measured at any point within the receiving Class A land. Sound pressure levels must be measured at least 25 feet from the 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 42 Ill. Reg. \_\_\_\_\_\_, effective November 1, 2018)

#### Section 901.103 Sound Emitted to Class B Land

Except as provided elsewhere in this Part, a person must not 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 that exceeds any allowable octave band sound pressure level specified in the following table, when measured at any point within the receiving Class B land. Sound pressure levels must be measured at least 25 feet from the 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 42 Ill. Reg. \_\_\_\_\_\_, effective November 1, 2018)

#### Section 901.104 Highly-Impulsive Sound

Except as provided elsewhere in this Part, a person must not 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 that exceeds the allowable A-weighted sound levels, measured with fast dynamic characteristic, specified in the following table, when measured in compliance with the procedure of 35 Ill. Adm. Code 900.103 at any point within the receiving Class A or B land. Sound pressure levels must be measured at least 25 feet from the 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 42 Ill. Reg. \_\_\_\_\_\_, effective November 1, 2018)

#### 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.

2) "Nighttime hours" means the 8 hours between 10:00 p.m. and 7:00 a.m. that are not part of the 16 continuous daytime hours.

3) The reference time for Leq, as defined in 35 Ill. Adm. Code 900.101, is one hour.

4) "New impact forging operation" means a property-line noise source comprised of impact forging operation on which construction began after September 1, 1982.

5) "Existing impact forging operation" means a property-line noise source comprised of impact forging operations that were in existence on September 1, 1982.

b) Emission Limitations for New Impact Forging Operation

A new impact forging operation must not cause or allow the emission of impulsive sound to any receiving Class A or B land that exceeds the allowable sound levels specified in the following table, when measured at any point within the receiving land. Sound pressure levels must be measured at least 25 feet from the new impact forging operation's property-line.

|  |  |  |
| --- | --- | --- |
| Allowable Highly Impulsive Sound Levels (Leq) 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

Unless granted a permanent site-specific allowable operational level pursuant to subsection (d), an existing impact forging operation must not cause or allow the emission of highly impulsive sound to any receiving Class A or B land that exceeds the allowable sound levels specified in the following table, when measured at any point within the receiving land. Sound pressure levels must be measured at least 25 feet from the existing impact forging operation's property line.

|  |  |  |
| --- | --- | --- |
| Allowable Highly Impulsive Sound Levels (Leq) 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 that does not comply with subsection (c) may seek a permanent site-specific allowable operational level from the Board. A permanent site-specific level is the level of operation allowed for a 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 with 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 Leq, 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 that justify the permanent site specific allowable operational level sought by the 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 remain the applicable land use classifications for enforcement of this Section against an existing forging operation and its future modification, regardless of actual subsequent changes in land use; unless those 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 through 901.122 must comply with either the site-specific operational level defined in those Sections or the allowable sound levels in Section 901.105(c).

(Source: Amended at 42 Ill. Reg. \_\_\_\_\_\_, effective November 1, 2018)

#### Section 901.106 Prominent Discrete Tones

a) A person must not 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, when measured at any point within the receiving land. One-third octave band sound pressure levels must be measured at least 25 feet from the property-line noise source.

b) Subsection (a) does 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 that contains the one-third octave band. In the application of this subsection, 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 42 Ill. Reg. \_\_\_\_\_\_, effective November 1, 2018)

#### Section 901.107 Exceptions

a) Sections 901.102 through 901.106 do not apply to sound emissions from land used as specified by LBCS Codes 1100, 6600 and 5500.

b) Sections 901.102 through 901.106 do not apply to sound emissions from emergency warning devices and unregulated safety relief valves.

c) Sections 901.102 through 901.106 do not apply to sound emissions from lawn care maintenance equipment and agricultural field machinery used during daytime hours. For the purposes of this subsection, grain dryers operated off the farm are not considered agricultural field machinery.

d) Sections 901.102 through 901.106 do not apply to sound emissions from equipment being used for construction.

e) Section 901.102(b) does not apply to sound emissions from existing property-line noise sources during nighttime hours. However, sound emissions from existing property-line noise sources during nighttime hours are subject to the limits specified in Section 901.102(a).

f) Sections 901.102 through 901.106 do not apply to the operation of any vehicle registered for highway use while the vehicle is being operated within any land used as specified by Section 901.101 during ingress to or egress from a highway.

g) Sections 901.102 through 901.106 do not apply to sound emissions 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. However, the exceptions of 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 does not apply to impulsive sound emissions produced by explosive blasting activities conducted on any Class C land other than land used as specified by LBCS Codes 8300 and 8500. However, explosive blasting

operations are subject to Section 901.109.

i) This Part does not apply to impulsive sound produced by explosive blasting activities that 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 compliance 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 do not apply to sound emissions from snowmobiles.

(Source: Amended at 42 Ill. Reg. \_\_\_\_\_\_, effective November 1, 2018)

#### Section 901.108 Compliance Dates for Part 901 (Repealed)

(Source: Repealed at 42 Ill. Reg. \_\_\_\_\_\_, effective November 1, 2018)

#### Section 901.109 Highly-Impulsive Sound From Explosive Blasting

a) During the daytime hours that cover the period after sunrise and before sunset, a person must not cause or allow any explosive blasting conducted on any Class C land, other than land used as specified by LBCS Codes 8300 and 8500, to allow the sound emissions to any receiving Class A or B land that exceeds the allowable outdoor C-weighted sound levels specified in the following table, when measured with slow dynamic characteristic at any point within the 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 is prima facie level limits of this Section when measured on the 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 ± 3 dB (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 the 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 42 Ill. Reg. \_\_\_\_\_\_, effective November 1, 2018)

#### Section 901.110 Amforge Operational Level (Repealed)

(Source: Repealed at 42 Ill. Reg. \_\_\_\_\_\_, effective November 1, 2018)

#### Section 901.111 Modern Drop Forge Operational Level (Repealed)

(Source: Repealed at 42 Ill. Reg. \_\_\_\_\_\_, effective November 1, 2018)

#### Section 901.112 Wyman-Gordon Operational Level (Repealed)

(Source: Repealed at 42 Ill. Reg. \_\_\_\_\_\_, effective November 1, 2018)

#### 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, must comply with the following site-specific operational level:

a) Operate no more than nine forging hammers at the same 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: Amended at 42 Ill. Reg. \_\_\_\_\_\_, effective November 1, 2018)

#### 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, must comply with the following site-specific operational level:

a) Operate no more than seven forging hammers at the same 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: Amended at 42 Ill. Reg. \_\_\_\_\_\_, effective November 1, 2018)

#### 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, must comply with the following site-specific operational level:

a) Operate no more than six forging hammers at the same 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: Amended at 42 Ill. Reg. \_\_\_\_\_\_, effective November 1, 2018)

#### 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, must comply with the following site-specific operational level:

a) Operate no more than 12 forging hammers at the same 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: Amended at 42 Ill. Reg. \_\_\_\_\_\_, effective November 1, 2018)

#### 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, must comply with the following site-specific operational level:

a) Operate no more than 12 forging hammers at the same 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: Amended at 42 Ill. Reg. \_\_\_\_\_\_, effective November 1, 2018)

#### 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 10 hammers at the same time; and

b) Operate its forging hammers up to 24 hours per day, Monday through Sunday.

(Source: Amended at 42 Ill. Reg. \_\_\_\_\_\_, effective November 1, 2018)

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 must not cause or allow the emission of sound from any property-line noise source located on that property that 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: Amended at 42 Ill. Reg. \_\_\_\_\_\_, effective November 1, 2018)

#### 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** | |  |  |  |
| --- | --- | --- | --- | --- |
| **Main Category** | **Function Code** |  | **Description** | **35 IAC 901 Land Class** |
|  |  |  |  |  |
| Residence or accommodation functions | **1000** |  | Residence or accommodation functions | A |
| **1100** |  | Private household |  |
| **1200** |  | Housing services for the elderly | ­ |
| 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 |  |
| 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 |  |
| **2100** |  | Retail sales or service | **B** |
| 2110 |  | Automobile sales or service establishment |  |
| 2111 |  | Car dealer | ­ |
| 2112 |  | Bus, truck, mobile homes, or large vehicles |  |
| 2113 |  | Bicycle, motorcycle, ATV, etc. |  |
| 2114 |  | Boat or marine craft dealer |  |
| 2115 |  | Parts, accessories, or tires |  |
| 2116 |  | Gasoline service |  |
| 2120 |  | Heavy consumer goods sales or service |  |
| 2121 |  | Furniture or home furnishings |  |
| 2122 |  | Hardware, home centers, etc. |  |
| 2123 |  | Lawn and garden supplies |  |
| 2124 |  | Department store, warehouse club or superstore |  |
| 2125 |  | Electronics and Appliances |  |
| 2126 |  | Lumber yard and building materials |  |
| 2127 |  | Heating and plumbing equipment |  |
| 2130 |  | Durable consumer goods sales and service |  |
| 2131 |  | Computer and software |  |
| 2132 |  | Camera and photographic supplies |  |
| 2133 |  | Clothing, jewelry, luggage, shoes, etc. |  |
| 2134 |  | Sporting goods, toy and hobby, and musical instruments |  |
| 2135 |  | Books, magazines, music, stationery |  |
| 2140 |  | Consumer goods, other |  |
| 2141 |  | Florist |  |
| 2142 |  | Art dealers, supplies, sales and service |  |
| 2143 |  | Tobacco or tobacconist establishment |  |
| 2144 |  | Mail order or direct selling establishment |  |
| 2145 |  | Antique shops, flea markets, etc. |  |
| 2150 |  | Grocery, food, beverage, dairy, etc. |  |
| 2151 |  | Grocery store, supermarket, or bakery |  |
| 2152 |  | Convenience store |  |
| 2153 |  | Specialty food store |  |
| 2154 |  | Fruit and vegetable store |  |
| 2155 |  | Beer, wine, and liquor store |  |
| 2160 |  | Health and personal care |  |
| 2161 |  | Pharmacy or drug store |  |
| 2162 |  | Cosmetic and beauty supplies |  |
| 2163 |  | Optical |  |
| **2200** |  | Finance and Insurance |  |
| 2210 |  | Bank, credit union, or savings institution |  |
| 2220 |  | Credit and finance establishment |  |
| 2230 |  | Investment banking, securities, and brokerages |  |
| 2240 |  | Insurance-related establishment |  |
| 2250 |  | Fund, trust, or other financial establishment |  |
| **2300** |  | Real estate, and rental and leasing |  |
| 2310 |  | Real estate services |  |
| 2320 |  | Property management services |  |
| 2321 |  | Commercial property-related |  |
| 2322 |  | Rental housing-related |  |
| 2330 |  | Rental and leasing |  |
| 2331 |  | Cars |  |
| 2332 |  | Leasing trucks, trailers, RVs, etc. |  |
| 2333 |  | Recreational goods rental |  |
| 2334 |  | Leasing commercial, industrial machinery, and equipment |  |
| 2335 |  | Consumer goods rental |  |
| 2336 |  | Intellectual property rental (video, music, software, etc.) | B |
| **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 |  |
| 2414 |  | Graphic, industrial, interior design services |  |
| 2415 |  | Consulting services (management, environmental, etc.) |  |
| 2416 |  | Research and development services (scientific, etc.) |  |
| 2417 |  | Advertising, media, and photography services |  |
| 2418 |  | Veterinary services |  |
| 2420 |  | Administrative services |  |
| 2421 |  | Office and administrative services |  |
| 2422 |  | Facilities support services |  |
| 2423 |  | Employment agency |  |
| 2424 |  | Business support services |  |
| 2425 |  | Collection agency |  |
| 2430 |  | Travel arrangement and reservation services |  |
| 2440 |  | Investigation and security services |  |
| 2450 |  | Services to buildings and dwellings |  |
| 2451 |  | Extermination and pest control |  |
| 2452 |  | Janitorial |  |
| 2453 |  | Landscaping |  |
| 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 |  |
| 2540 |  | Bar or drinking place |  |
| 2550 |  | Mobile food services |  |
| 2560 |  | Caterer |  |
| 2570 |  | Food service contractor |  |
| 2580 |  | Vending machine operator |  |
| **2600** |  | Personal services |  |
| **2700** |  | Pet and animal sales or service (except veterinary) |  |
| 2710 |  | Pet or pet supply store |  |
| 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 |  |
| 3140 |  | Leather and allied products |  |
| **3200** |  | Wood, paper, and printing products |  |
| 3210 |  | Wood products establishment |  |
| 3220 |  | Paper and printing materials |  |
| 3230 |  | Furniture and related products |  |
| **3300** |  | Chemicals, and metals, machinery, and electronics manufacturing |    |
| 3310 |  | Petroleum and coal products |  |
| 3320 |  | Chemicals, plastics, and rubber products |  |
| 3330 |  | Nonmetallic mineral products |  |
| 3340 |  | Primary metal manufacturing |  |
| 3350 |  | Machinery manufacturing |  |
| 3360 |  | Electrical equipment, appliance, and components manufacturing |    |
| 3370 |  | Transportation equipment, automobiles, etc. |  |
| **3400** |  | Miscellaneous manufacturing |  |
| 3410 |  | Jewelry and silverware |  |
| 3420 |  | Dolls, toys, games, and musical instruments |  |
| 3430 |  | Office supplies, inks, etc. |  |
| 3440 |  | Signs | C |
| **3500** |  | Wholesale trade establishment | **B** |
| 3510 |  | Durable goods | ­ |
| 3520 |  | Nondurable goods |  |
| **3600** |  | Warehouse and storage services | B |
| Transportation, communication, information, and utilities | **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 |  |
| 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 |  |
| 4130 |  | Road, ground passenger, and transit transportation |  |
| 4131 |  | Local transit systems-mixed mode |  |
| 4132 |  | Local transit systems-commuter rail |  |
| 4133 |  | Local transit systems-bus, special needs, and other motor vehicles |    |
| 4134 |  | Interurban, charter bus, and other similar establishments |  |
| 4135 |  | School and employee bus transportation |  |
| 4136 |  | Special purpose transit transportation (including scenic, sightseeing, etc.) |    |
| 4137 |  | Taxi and limousine service |  |
| 4138 |  | Towing and other road and ground services |  |
| 4140 |  | Truck and freight transportation services |  |
| 4141 |  | General freight trucking, local |  |
| 4142 |  | General freight trucking, long-distance |  |
| 4143 |  | Freight trucking, specialized (used household and office goods) |    |
| 4144 |  | Freight trucking, specialized (except used goods) |  |
| 4150 |  | Marine and water transportation |  |
| 4151 |  | Marine passenger transportation |  |
| 4152 |  | Marine freight transportation |  |
| 4153 |  | Marine port and harbor operations |  |
| 4154 |  | Marine cargo handling and dry dock services |  |
| 4155 |  | Marine navigational and other services |  |
| 4160 |  | Courier and messenger services |  |
| 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** |
| 4221 |  | Motion picture and video production, publishing, and distribution | ­ |
| 4222 |  | Motion picture viewing and exhibition services |  |
| 4223 |  | Sound recording, production, publishing, and distribution |  |
| 4230 |  | Telecommunications and broadcasting |  |
| 4231 |  | Radio and television broadcasting |  |
| 4232 |  | Cable networks and distribution |  |
| 4233 |  | Wireless telecommunications |  |
| 4234 |  | Telephone and other wired telecommunications |  |
| 4240 |  | Information services and data processing industries |  |
| 4241 |  | Online information services |  |
| 4242 |  | Libraries and archives |  |
| 4243 |  | News syndicate | B |
| **4300** |  | Utilities and utility services | C |
| 4310 |  | Electric power |  |
| 4311 |  | Hydroelectric | ­ |
| 4312 |  | Fossil |  |
| 4313 |  | Nuclear |  |
| 4314 |  | Alternative energy sources |  |
| 4320 |  | Natural gas, petroleum, fuels, etc. |  |
| 4330 |  | Water, steam, air conditioning supply |  |
| 4331 |  | Drinking water |  |
| 4332 |  | Irrigation and industrial water supply |  |
| 4333 |  | Air conditioning and steam supply |  |
| 4340 |  | Sewer, solid waste, and related services |  |
| 4341 |  | Hazardous waste collection |  |
| 4342 |  | Hazardous waste treatment and disposal |  |
| 4343 |  | Solid waste collection |  |
| 4344 |  | Solid waste combustor or incinerator |  |
| 4345 |  | Solid waste landfill |  |
| 4346 |  | Waste treatment and disposal |  |
| 4347 |  | Septic tank and related services | C |
| Arts, entertainment, and recreation | **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 |  |
| 5140 |  | Promoter of performing arts, sports, and similar events |  |
| 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 |  |
| 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 |  |
| 5340 |  | Miniature golf establishment |  |
| 5350 |  | Skiing |  |
| 5360 |  | Marina or yachting club facility operators |  |
| 5370 |  | Fitness, recreational sports, gym, or athletic club, |  |
| 5380 |  | Bowling, billiards, pool, etc. |  |
| 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 |  |
| 6123 |  | Senior |  |
| 6124 |  | Continuance |  |
| 6125 |  | Alternate education services |  |
| 6126 |  | Adult education services |  |
| 6130 |  | Colleges and universities |  |
| 6140 |  | Technical, trade, and other specialty schools |  |
| 6141 |  | Beauty schools |  |
| 6142 |  | Business management |  |
| 6143 |  | Computer training |  |
| 6144 |  | Driving education |  |
| 6145 |  | Fine and performing arts education | A |
| 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 |  |
| 6410 |  | Fire and rescue |  |
| 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 |  |
| 6514 |  | Blood and organ banks |  |
| 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 |  |
| 6564 |  | Emergency and relief services |  |
| 6565 |  | Other family services |  |
| 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. |  |
| 6810 |  | Labor and political organizations |  |
| 6820 |  | Business associations and professional membership organizations |  |
| 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 |  |
| **7200** |  | Machinery related |  |
| 7210 |  | Building equipment and machinery installation contractors |  |
| 7220 |  | Excavation contractor |  |
| 7230 |  | Water well drilling contractor |  |
| 7240 |  | Wrecking and demolition establishment |  |
| 7250 |  | Structural steel erection contractor |  |
| **7300** |  | Special trade contractor |  |
| 7310 |  | Carpentry, floor, and tile contractor |  |
| 7320 |  | Concrete contractor |  |
| 7330 |  | Electrical contractor |  |
| 7340 |  | Glass and glazing contractor |  |
| 7350 |  | Masonry and drywall contractors |  |
| 7360 |  | Painting and wall covering |  |
| 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 |  |
| 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 |  |
| **8400** |  | Nonmetallic mining |  |
| **8500** |  | Quarrying and stone cutting establishment | C |
| Agriculture, forestry, fishing and hunting | **9000** |  | Agriculture, forestry, fishing and hunting |  |
| **9100** |  | Crop production | **C** |
| 9110 |  | Grain and oilseed |  |
| 9111 |  | Wheat | ­ |
| 9112 |  | Corn |  |
| 9113 |  | Rice |  |
| 9114 |  | Soybean and oilseed |  |
| 9115 |  | Dry pea and bean |  |
| 9120 |  | Vegetable farming or growing services |  |
| 9130 |  | Fruits and trees |  |
| 9140 |  | Greenhouse, nursery, and floriculture |  |
| 9141 |  | Food crops grown under cover |  |
| 9142 |  | Nursery and tree production |  |
| 9143 |  | Floriculture production |  |
| 9150 |  | All other crops |  |
| 9151 |  | Tobacco crop |  |
| 9152 |  | Cotton crop |  |
| 9153 |  | Sugarcane crop |  |
| 9154 |  | Hay |  |
| 9155 |  | Peanut crop |  |
| **9200** |  | Support functions for agriculture |  |
| 9210 |  | Farm and farm labor management services |  |
| 9220 |  | Spraying, dusting, and other related services |  |
| 9230 |  | Crop harvesting and post harvest crop activities (including drying, siloing, etc.) |    |
| 9240 |  | Cotton ginning, grist milling, etc. |  |
| **9300** |  | Animal production including slaughter |  |
| 9310 |  | Cattle ranch and crops |  |
| 9311 |  | Beef cattle ranch establishments |  |
| 9312 |  | Cattle feedlot establishment |  |
| 9320 |  | Dairy cattle and milk production |  |
| 9330 |  | Hog and pig farm |  |
| 9340 |  | Poultry and egg production and hatcheries |  |
| 9350 |  | Sheep and goat farming establishments |  |
| 9360 |  | Fish hatcheries, fisheries, and aquaculture |  |
| 9370 |  | All other animal production |  |
| 9371 |  | Apiculture (bees, wax, and related operations) |  |
| 9372 |  | Horse and equine production |  |
| 9373 |  | Fur-bearing animal production |  |
| 9380 |  | Support functions for animal production |  |
| **9400** |  | Forestry and Logging |  |
| 9410 |  | Logging |  |
| 9420 |  | Forest nurseries |  |
| 9430 |  | Support functions for forestry |  |
| **9500** |  | Fishing, hunting and trapping, game preserves |  |
| 9510 |  | Fishing |  |
| 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 |  |
| 9999 |  | To be determined | U |

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