## 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

- 901.101 Classification of Land According to Use
- 901.102 Sound Emitted to Class A Land
- 901.103 Sound Emitted to Class B Land
- 901.104 Highly Impulsive Sound
- 901.105 Impact Forging Operations
- 901.106 Prominent Discrete Tones
- 901.107 Exceptions
- 901.108 Compliance Dates for Part 901 (Repealed)
- 901.109 Highly Impulsive Sound from Explosive Blasting
- 901.110 Amforge Operational Level (Repealed)
- 901.111 Modern Drop Forge Operational Level (Repealed)
- 901.112 Wyman-Gordon Operational Level (Repealed)
- 901.113 Wagner Casting Site-Specific Operational Level (Repealed)
- 901.114 Moline Forge Operational Level
- 901.115 Cornell Forge Hampshire Division Site-Specific Operational Level
- 901.116 Forgings and Stampings, Inc. Operational Level
- 901.117 Rockford Drop Forge Company Operational Level
- 901.118 Scot Forge Company Franklin Park Division Operational Level
- 901.119 Clifford-Jacobs Operational Level
- 901.120 C.S. Norcross Operational Level
- 901.121 Vaughan & Bushnell Operational Level
- 901.122 Elgin Facility Site-Specific Noise Emission Limitations
- 901.APPENDIX A Old Rule Numbers Referenced (Repealed)

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 III. Reg. 27, p. 223, effective June 26, 1978; amended at 5 III. Reg. 6371, effective June 1, 1981; amended at 5 III. Reg. 8533, effective August 10, 1981; amended at 6 III. Reg. 10960, effective September 1, 1982; codified at 7 III. Reg. 13646; amended at 7 III. Reg. 14519, effective October 17, 1983; amended in R83-35 at 8 III. Reg. 18893, effective September 25, 1984; amended in R83-33, 26, 29, 30 and R83-34 at 9 III. 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 III. Reg. 7147; amended in R83-25, 31 and 32 at 9 III. Reg. 7149, effective May 7, 1985; amended in R83-7 at 11 III. Reg. 3136, effective January 28, 1987; amended in R04-11, at 28 III. Reg. 11910, effective July 30, 2004; amended in R03-9 at 30 III.

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. 20453, 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. 20453, 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	Allowable Octave Band Sound Pressure Levels (dB) of
Frequency (Hertz)	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

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. 20453, 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	Allowable Octav	e Band Sound Pressu	re Levels (dB) of
Frequency (Hertz)	Sound Emitted	to any Receiving Cla	ss 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. 20453, 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. 20453, 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  $L_{eq}$ , 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 (L<sub>eq</sub>) 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 (L<sub>eq</sub>) 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
  - 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  $L_{eq}$ , 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 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. 20453, 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. 20453, 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
  - 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. 20453, effective November 1, 2018)

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

(Source: Repealed at 42 Ill. Reg. 20453, 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.

	Explosive Blasting Sou	Weighted Sound Exposure ands Emitted to Receiving C her than Land Used as Speci 8300 or 8500	lass A or B Land from
	Receiving Class	A Land Rec	ceiving Class B Land
	107		112
	-	ure level limits in the above abling of the number of blas	table must be lowered by three ts during the day or night.
b)		-	its in the following table is prima receiving Class A or B land.
	Equival	ent Maximum Sound Pressu (Peak) Limits in Decibels	re Level
	Lower Frequency Limit of Measuring System for Flat Response, a		
	Variation from Linear Response of $\pm$ 3 dB (Hz)	Receiving Class A Land (dB)	Receiving Class B Land (dB)
	$\leq 2.0 \text{ but} > 0.1$	133	133
c)	During the period defined b	y both the beginning of the	nighttime hours (10:00 pm) or

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. 20453, effective November 1, 2018)

## Section 901.110 Amforge Operational Level (Repealed)

(Source: Repealed at 42 Ill. Reg. 20453, effective November 1, 2018)

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

(Source: Repealed at 42 Ill. Reg. 20453, effective November 1, 2018)

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

(Source: Repealed at 42 Ill. Reg. 20453, 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. 20453, 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. 20453, 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. 20453, 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. 20453, 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 (Aweighted 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. 20453, 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. 20453, 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	
(IICItZ)		y
	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. 20453, 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

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
	1000	Decidence on economic dation functions	
SU	1000 1100	Residence or accommodation functions Private household	A
tion	1200	Housing services for the elderly	
ùnc	1200	Retirement housing services	
f nc	1210	Congregate living services	
latio	1220	Assisted-living services	
noc	1230	Life care or continuing care services	
Imc	1210	Skilled-nursing services	
acco	1300	Hotels, motels, or other accommodation services	
or a	1310	Bed and breakfast inn	
nce	1320	Rooming and boarding	
ideı	1330	Hotel, motel, or tourist court	
Residence or accommodation functions	1340	Casino hotel	Α
	2000	General sales or services	
	2000	Retail sales or service	В
	2110	Automobile sales or service establishment	D
	2110	Car dealer	
SS	2112	Bus, truck, mobile homes, or large vehicles	
or services	2113	Bicycle, motorcycle, ATV, etc.	
ser	2114	Boat or marine craft dealer	
	2115	Parts, accessories, or tires	
ales	2116	Gasoline service	
General sales	2120	Heavy consumer goods sales or service	
ner	2121	Furniture or home furnishings	
Ge	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	

LE	BCS		
Main Category	Function Code	Description	35 IAC 901 Land Class
	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.	

LBCS			
Main Category	Function Code	Description	35 IAC 901 Land Class
	2333	Recreational goods rental	
	2334	Leasing commercial, industrial machinery, and equipment	
	2335	Consumer goods rental	
	2336	Intellectual property rental (video, music, software, etc.)	В
	2400	Business, professional, scientific, and technical services	
	2410	Professional services	Α
	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	Α
	2500	Food services	В
	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	

LBCS			
Main Category	Function Code	Description	35 IAC 901 Land Class
	2600	Personal services	
	2700	Pet and animal sales or service (except veterinary)	
	2710	Pet or pet supply store	
	2720	Animal and pet services	В
	3000	Manufacturing and wholesale trade	
	3100	Food, textiles, and related products	С
	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	
e	3230	Furniture and related products	
rad	3300	Chemicals, and metals, machinery, and electronics	
ule t		manufacturing	
lesa	3310	Petroleum and coal products	
/hol	3320	Chemicals, plastics, and rubber products	
w p	3330	Nonmetallic mineral products	
, an	3340	Primary metal manufacturing	
ing	3350	Machinery manufacturing	
Manufacturing and wholesale trade	3360	Electrical equipment, appliance, and components	
Inu	2270	manufacturing	
Ma	3370	Transportation equipment, automobiles, etc.	
	3400	Miscellaneous manufacturing	
	3410	Jewelry and silverware	
	3420	Dolls, toys, games, and musical instruments	
	3430	Office supplies, inks, etc.	C
	3440	Signs Whether the stability of the stabi	
	3500	Wholesale trade establishment	В
	3510	Durable goods	
	3520	Nondurable goods	
	3600	Warehouse and storage services	В
nsp tio	4000	Transportation, communication, information, and utilities	
Transp ortatio	<b>≟ 4100</b>	Transportation services	·
L )	4110	Air transportation	U

LF	BCS		
Main Category	Function Code	Description	35 IAC 901 Land Class
	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	С
	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	С
	4200	Communications and information	
	4210	Publishing	С
	4211	Newspapers, books, periodicals, etc.	С

LE	BCS		
Main Category	Function Code	Description	35 IAC 901 Land Class
	4212	Software publisher	С
	4220	Motion pictures and sound recording	В
	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	В
	4300	Utilities and utility services	С
	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	
			С
s, rta ent	5000	Arts, entertainment, and recreation	
Arts, enterta inment	5100	Performing arts or supporting establishment	В
ц. с	5110	Theater, dance, or music establishment	

LBCS			
Main Category	Function Code	Description	35 IAC 901 Land Class
	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	В
	5200	Museums and other special purpose recreational institutions	Α
	5210	Museum	
	5220	Historical or archeological institution	
	5230	Zoos, botanical gardens, arboreta, etc.	Α
	5300	Amusement, sports, or recreation establishment	В
	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	В
	5500	Natural and other recreational parks	Α
	6000	Education, public admin., health care, and other inst.	<u> </u>
pu	6100	Educational services	_
e, a	6110	Nursery and preschool	Α
car	6120	Grade schools	
llth	6121	Elementary	
hea	6122	Middle	
in., nst.	6123	Senior	
c admin. other inst	6124	Continuance	
ic a oth	6125	Alternate education services	
ubli	6126	Adult education services	
Education, public admin., health care, and other inst.	6130	Colleges and universities	
tior	6140	Technical, trade, and other specialty schools	
uca	6141	Beauty schools	
Edı	6142	Business management	
	6143	Computer training	

LBCS			
Main Category	Function Code	Description	35 IAC 901 Land Class
	6144	Driving education	
	6145	Fine and performing arts education	Α
	6146	Flight training	U
	6147	Sports and recreation education	В
	6200	Public administration	
	6210	Legislative and executive functions	В
	6220	Judicial functions	В
	6221	Courts	В
	6222	Correctional institutions	Α
	6300	Other government functions	В
	6310	Military and national security	
	6320	Space research and technology	
	6400	Public Safety	
	6410	Fire and rescue	
	6420	Police	
	6430	Emergency response	В
	6500	Health and human services	
	6510	Ambulatory or outpatient care services	Α
	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	Α
	6560	Social assistance, welfare, and charitable services	В
	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	В
	6568	Vocational rehabilitation	Α
	6600	Religious institutions	Α
	6700	Death care services	В
	6710	Funeral homes and services	
<u> </u>	6720	Cremation services and cemeteries	

LBCS			
Main Category	Function Code	Description	35 IAC 901 Land Class
	6800	Associations, nonprofit organizations, etc.	
	6810	Labor and political organizations	
	6820	Business associations and professional membership	
		organizations	
	6830	Civic, social, and fraternal organizations	В
	7000	Construction-related businesses	
	7100	Building, developing, and general contracting	В
	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	
s	7230	Water well drilling contractor	
sse	7240	Wrecking and demolition establishment	
sine	7250	Structural steel erection contractor	
Construction-related businesses	7300	Special trade contractor	
ited	7310	Carpentry, floor, and tile contractor	
rela	7320	Concrete contractor	
on-no	7330	Electrical contractor	
lcti	7340	Glass and glazing contractor	
stru	7350	Masonry and drywall contractors	
Con	7360	Painting and wall covering	
Ŭ	7370	Plumbing, heating, and air-conditioning	
	7380	Roofing, siding, and sheet metal contractors	В
	7400	Heavy construction	С
	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	С
d nt	8000	Mining and extraction establishments	С
an( ion mer	8100	Oil and natural gas	
Mining an extraction tablishme	8200	Metals (iron, copper, etc.)	
Mining and extraction establishment	8300	Coal	
es N	8400	Nonmetallic mining	

LBCS			
Main Category	Function Code	Description	35 IAC 901 Land Class
	8500	Quarrying and stone cutting establishment	C
	9000	Agriculture, forestry, fishing and hunting	
	9100	Crop production	С
	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	
50	9141	Food crops grown under cover	
ntin	9142	Nursery and tree production	
hur	9143	Floriculture production	
nd	9150	All other crops	
ទ្រ ឧ	9151	Tobacco crop	
shin	9152	Cotton crop	
, fits	9153	Sugarcane crop	
forestry, fishing and hunting	9154	Hay	
ores	9155	Peanut crop	
e, f(	9200	Support functions for agriculture	
Agriculture,	9210	Farm and farm labor management services	
icul	9220	Spraying, dusting, and other related services	
Agri	9230	Crop harvesting and post harvest crop activities (including	
ł		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	

LB	SCS		
Main Category	Function Code	Description	35 IAC 901 Land Class
	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	С
	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)