

DEPARTMENT OF PUBLIC HEALTH

NOTICE OF PROPOSED AMENDMENT

- 1) Heading of the Part: Swimming Facility Code
- 2) Code Citation: 77 Ill. Adm. Code 820
- 3)

<u>Section Number:</u> 820.145	<u>Proposed Action:</u> Amend
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- 4) Statutory Authority: Implementing and authorized by the Swimming Facility Act [210 ILCS 125]
- 5) A Complete Description of the Subjects and Issues Involved: This rulemaking will amend the Swimming Facility Code (77 Ill. Adm. Code 820) to clarify which Sections are referenced for compliance with the suction outlet requirements for swimming facilities in existence prior to January 1, 2009. This change is necessary to ensure clear understanding of Code requirements by regulated entities.
- 6) Published studies or reports, and sources of underlying data, used to compose this rulemaking: None
- 7) Will this rulemaking replace any emergency rulemaking currently in effect? No
- 8) Does this rulemaking contain an automatic repeal date? No
- 9) Does this rulemaking contain incorporations by reference? No
- 10) Are there any other proposed rulemakings pending on this Part? No
- 11) Statement of Statewide Policy Objective: This rulemaking does not create or expand a State mandate.
- 12) Time, Place and Manner in which interested persons may comment on this proposed rulemaking: Interested persons may present their comments concerning this rulemaking within 45 days after this issue of the *Illinois Register* to:

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217/782-2043

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- 13) Initial Regulatory Flexibility Analysis:
- A) Types of small businesses, small municipalities and not for profit corporations affected: The proposed rulemaking will affect swimming facility operators in the above categories.
 - B) Reporting, bookkeeping or other procedures required for compliance: The proposed rulemaking does not change the procedures for compliance.
 - C) Types of professional skills necessary for compliance: The proposed rulemaking does not change the professional skills necessary for swimming facility owners and operators. The rulemaking clarifies the requirements for regulated entities.
- 14) Regulatory Agenda on which this rulemaking was summarized: This rulemaking was not included on the Department's regulatory agenda because: the need for these amendments was not known at the time the agenda was proposed.

The full text of the Proposed Amendment begins on the next page:

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TITLE 77: PUBLIC HEALTH
CHAPTER I: DEPARTMENT OF PUBLIC HEALTH
SUBCHAPTER n: RECREATIONAL FACILITIES

PART 820
SWIMMING FACILITY CODE

SUBPART A: GENERAL

- Section
- 820.10 Definitions
- 820.20 Incorporated and Referenced Materials

SUBPART B: SWIMMING POOLS AND BATHING BEACHES

- Section
- 820.100 Permits
- 820.110 Water Supplies
- 820.120 Wastewater Disposal
- 820.130 Food Service Sanitation
- 820.140 Exemptions
- 820.145 Swimming Facilities in Existence Prior to January 1, 2009
- 820.150 Variances

SUBPART C: SWIMMING ~~FACILITY~~ FACILITY DESIGN REQUIREMENTS

- Section
- 820.200 General Design Requirements
- 820.210 Swimming Facility Water Treatment System
- 820.220 Swimming Pool Bather Preparation Facilities
- 820.230 Wading Pools
- 820.240 Spray Pools
- 820.250 Slides
- 820.260 New Equipment, Construction and Materials (Repealed)
- 820.270 Lazy Rivers

SUBPART D: OPERATIONAL REQUIREMENTS

Section

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820.290	Applicability of Operation Requirements
820.300	Personnel
820.310	Safety Equipment
820.315	Notification
820.320	Water Quality
820.330	Swimming Pool Closing
820.340	Operation and Maintenance
820.350	Operation Reports and Routine Sampling
820.360	Patron Regulations
820.370	Swimming Suits and Towels Furnished by Management
820.380	Wading Pools, Spray Pools and Therapy Pools
820.390	Refuse Disposal

SUBPART E: BATHING BEACH DESIGN AND OPERATION

Section

820.400	Minimum Sanitary Requirements for Bathing Beaches
820.500	Minimum Sanitary Requirements for Bathing Beaches (Renumbered)

820.APPENDIX A

Illustrations

820.ILLUSTRATION A	Slope of Pool Floor
820.ILLUSTRATION B	Pool Walls
820.ILLUSTRATION C	General Pool Diving Area Dimensions
820.ILLUSTRATION D	Pools with Diving Facilities in Excess of Three Meters in Height
820.ILLUSTRATION E	Slide Dimensions (Repealed)
820.ILLUSTRATION F	Slide Position (Repealed)
820.ILLUSTRATION G	Flow Meter Installation
820.ILLUSTRATION H	Skimmer Construction
820.ILLUSTRATION I	Installation of a Pressure Sand Filter System
820.ILLUSTRATION J	Installation of a Pressure Diatomaceous Earth Filter System
820.ILLUSTRATION K	Installation of a Vacuum Filter System
820.ILLUSTRATION L	Chlorine Injection into Return Line to Pool Using Pump Discharge Pressure
820.ILLUSTRATION M	Chlorine Injection into Return Line to Pool Using External Water Source Pressure (Repealed)
820.ILLUSTRATION N	Chlorine Injection into Return Line to Pool Using Booster Pump

| 820.APPENDIX B

Tables

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820.TABLE A	Dimensions of Swimming Pools with Diving Facilities in Excess of Three Meters in Height
820.TABLE B	First Aid Kit Contents
820.TABLE C	Flows Carried by Inlets
820.TABLE D	Sizing Swimming Pool Chlorinators
820.TABLE E	Shower, Lavatory and Toilet Fixtures Required Per Bather Load

AUTHORITY: Implementing and authorized by the Swimming Facility Act [210 ILCS 125].

SOURCE: Adopted October 22, 1974; amended and effective February 9, 1976; amended at 4 Ill. Reg. 46, p. 1283, effective November 5, 1980; amended at 5 Ill. Reg. 9593, effective September 16, 1981; rules repealed and new rules adopted at 5 Ill. Reg. 13623, effective December 2, 1981; amended and codified at 8 Ill. Reg. 12366, effective July 5, 1984; amended at 11 Ill. Reg. 12308, effective July 15, 1987; amended at 14 Ill. Reg. 786, effective January 1, 1990; amended at 20 Ill. Reg. 6971, effective May 25, 1996; emergency amendment at 21 Ill. Reg. 7536, effective May 28, 1997, for a maximum of 150 days; amended at 22 Ill. Reg. 9357, effective May 15, 1998; amended at 23 Ill. Reg. 6079, effective May 20, 1999; emergency amendment at 23 Ill. Reg. 6551, effective May 20, 1999, for a maximum of 150 days; emergency expired October 16, 1999; amended at 24 Ill. Reg. 11271, effective July 15, 2000; amended at 25 Ill. Reg. 8291, effective July 1, 2001; emergency amendment at 27 Ill. Reg. 4223, effective February 15, 2003, for a maximum of 150 days; emergency expired July 14, 2004; emergency amendment at 33 Ill. Reg. 7177, effective May 18, 2009, for a maximum of 150 days; emergency expired October 14, 2009; amended at 34 Ill. Reg. 2698, effective February 3, 2010; amended at 34 Ill. Reg. _____, effective _____.

SUBPART B: SWIMMING POOLS AND BATHING BEACHES

Section 820.145 Swimming Facilities in Existence Prior to January 1, 2009

- a) All swimming facilities with suction outlets located in the pool shall comply with Section 820.200(e) and Section 820.210(f)(3)(~~H~~). Compliance with Section 820.210(f)(3)(G) is not required when suction outlets comply with one or more of the following:
- 1) The suction outlet piping system is equipped with a safety vent pipe that will introduce air into the suction pipe if the water level in the vent pipe drops to a level of no more than 5 feet below the water level in the pool, but shall not introduce air into the suction piping when there is no obstruction of a suction outlet or in suction piping. The diameter of the

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vent pipe shall be at least $\frac{1}{2}$ the diameter of the suction pipe, but not less than $1\frac{1}{2}$ inches. The top of the vent pipe shall be open to the atmosphere and shall not be accessible to the public. The opening shall be protected against entry of dirt, rodents, birds, leaves, and other objects, and shall be accessible for cleaning and inspection; or

- 2) The suction outlet piping system is equipped with a safety vacuum release system, which shall be installed in accordance with the manufacturer's specifications. A safety vacuum release system shall be certified in accordance with ASME/ANSI A112.19.17-2002 or ASTM F2387-04; or
 - 3) Water flows from the suction outlet to a surge tank, vacuum filter tank or balance tank by force of gravity, and the pump suction pipe draws water from the surge, vacuum filter or balance tank and is not directly connected to the suction outlet. The vacuum filter, surge or balance tank shall be vented to the atmosphere. The vent shall be designed to prevent blockage.
- b) Existing skimmer equalizer lines shall be permanently disabled or the piping shall be rerouted as required by Section 820.210(f)(5)(F).

(Source: Amended at 34 Ill. Reg. _____, effective _____)