

POOL INSPECTION PREPARATION GUIDE

BARRIERS

- Pool enclosed fencing in compliance:
 - Failure to provide and maintain a barrier to inhibit unauthorized access.
 - Barrier height at least 48 inches above grade. Measured from outside of barrier.
 - Openings not > 4 inches.
 - < 1 $\frac{3}{4}$ " opening if horizontal members < 45" apart.
 - Max. size of chain length fence is 1 $\frac{3}{4}$ " unless the fence is provided with slats.
 - No direct access from any dwelling into the pool enclosure.
 - Windows on a building that form a barrier shall have a max. opening width not > 4"
- Self-closing self-latching gates with release mechanism: 54" from the bottom of the gate or located inside gate 3" below the top and no openings > $\frac{1}{2}$ " within 18" of latching mechanism.

FITTINGS / PLUMBING / POOL EQUIPMENT / LIFE SAVING EQUIPMENT

- Compliant drain covers .10(4) Suction outlets shall be provided with a cover that has been tested and approved by a nationally recognized lab and meets ANSI/APSP-16.
 - Single main drain entrapment avoidance. Compliant cover and secondary device.
 - Broken unsecure or missing main drain cover or any submerged outlet cover.
- Water clarity: main drain covers are clearly visible when standing at the deep end pool edge and deepest portion of the spa floor visible when the water is still.
- Emergency phone operational and accessible: an operable, hard-wired, conventional telephone line permanently installed in enclosure.
- Chemical feeder operational and approved
 - Disinfectant equipment; chemical feeders meet requirements of NSF Standard 50.
 - Introduces the agent through the circulation system at a proper location.
 - Pool and spa shall be continuously disinfected.
 - All disinfectant agents shall be registered by the USEPA.
 - The disinfectant equipment working.
- Filter: approved, maintained and operating
- Pump; approved, maintained and operating
- Appropriate lifesaving equipment
 - A light, strong pole 12' long including body hook.
 - A minimum $\frac{1}{4}$ " diameter throwing rope,
 - 1 $\frac{1}{2}$ times the width of the pool or 50' in length, whichever is <.
 - Attached ring buoy with an outside diameter 15" or a similar flotation device. U.S. Coast Guard approved.
- Grab/hand rails, ladders cannot be removed without the use of tools.
- A rope and float line provided within one foot of and on the shallow side of the floor slope break.
- Vacuum line protected .10(7) A self-closing; self-latching fitting that complies with IAMPO SPS-4 installed.
- Depth and no diving markers, step marking number and letters a minimum of four inches high installed; contrasting color.

- Outer 2” of each step marked with slip resistant tile; contrasting color.
- Pool deck; maintained including coping, a 4’ minimum width of continuous, unobstructed deck area.
- Skimmers/gutters maintained and operable; Skimmer weir that adjusts automatically to variations in the water.
 - The skimmer equalizer lines shall be protected by an approved cover/grated with a flow rating equal the maximum system flow divided by the number of skimmers in the system or the maximum flow rating of the skimmer, whichever is greater.
- Equipment for pool adequate to turnover pool capacity as specified.
- Return inlets maintained, shall not constitute a hazard to the user.
- Automated controller; Feed pumps and controllers wired so that cannot operate without filter pump.
- Piping identified; marked with directional arrows.
- A cleanable strainer basket provided upstream of the pump.
- Gauge(s) in proper location; sight glass installed
- A pressure gauge installed downstream from the pump; on piping or filter top.
- A sight glass installed on the waste discharge line of pressure filters.
- Supplemental disinfection .16(2)(a) NSF approved (ozone or UV) supplemental disinfection system on increased risk pool, if applicable (New Construction)
- Flow meter: Flowmeter measures 1 ½ times the design flow rate and is installed properly and accurate within 10% of actual flow.
- Toilets and lavatories: fixtures and dressing area cleaned and sanitized.
- One rinse shower provided on the deck unless exempted in the rule.
- Dressing showers supplied with hot and cold water under pressure.

SIGNAGE REQUIREMENTS

- Signs: peak occupancy, pool/spa/signs and in clear view
 - “No Diving” marking (along with universal symbol) installed on deck 18” from pool edge in water < 5’.
 - Pool Risks sign in 1” letters legible posted in clear view.
 - A 911 sign or the names and phone numbers of the nearest available police, fire, ambulance service or rescue unit posted in proximity of emergency phone.
 - Pool address posted in phone box or in close proximity of phone.
 - A sign stating the hours of operation near entrance
 - Theoretical Peak Occupancy (Formerly Bather Load) near entrance
 - Where no lifeguard is on duty, a sign shall be placed in clear view at or near the entrance to the pool and shall state in clearly legible letters at least 4 inches high:
 - “WARNING - NO LIFE GUARD ON DUTY”
 - “RISK OF DROWNING – SUPERVISE CHILDREN CLOSELY”

WATER QUALITY TESTING / RECORDS / TRAINED OPERATOR / RESPONSIBLE PERSON

- Operator training approved: Current operator certificate from an approved operator training course.
- Lifeguard training: Lifeguard holds current national certification and Adult/child/infant CPR training.
- The responsible person must receive training on basic pool operations from the trained operator, or from a local health department course if available.
- Responsible Person – an individual that is responsible for daily water monitoring operations when a trained operator is not on-site or making visits to the public pool daily.

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- Trained operator performs a minimum of two weekly visits. Operator performs bi-weekly circulation, disinfection, and filtration systems evaluations and documents the results.
 - Facilities without an on-site trained operator must appoint a responsible on-site person. This individual must be capable of testing the water chemistry as required by the chapter, and must be trained to perform the requirements in DPH Rule 511-3-5-.16
 - Trained operator or responsible person monitors and records water chemistry.
 - Trained operator or responsible person conducts daily safety self-inspection.
 - The pool operator or responsible person shall acquire a water sample for testing the chemical parameters:
 - The sample shall be obtained from at least eighteen inches below the surface of the water and from a location between the inlets.
 - The sample shall be obtained from a section of the pool that has a water depth of between three to four feet when available.
 - For each water test, sampling locations shall rotate around the shallower end of the pool. The pool operator shall include the deepest area of the pool in the water sampling rotation once per week.
 - The trained operator or responsible person shall collect water samples from the water in the pool for monitoring. An in-line sampling port may be used for water held in reservoirs. The water quality testing frequency shall be as follows:
 - Proper disinfectant level
 - Free Chlorine Pool: Free chlorine: 1.0 - 10 ppm (UNSTABILIZED); 2.0 – 10.0 ppm (STABILIZED)
 - Free Chlorine Spa: 3.0 ppm – 10 ppm
 - Combined chlorine: 0.4 or less
 - Bromine: 4.0 ppm
 - pH: 7.2 and 7.8
 - For pools, free available chlorine or total bromine and pH shall be tested a minimum of two times daily during the hours of operation.
 - Total alkalinity shall be tested weekly and calcium hardness shall be tested monthly.
 - If stabilized chlorine is used as the primary disinfectant, the operator shall test cyanuric acid every two weeks. Otherwise, cyanuric acid shall be tested monthly. Stabilizer level > 90 ppm.
 - For spas and hot water venues, free available chlorine, total bromine, pH and water temperature shall be tested prior to opening and recorded every four hours.
 - In-line oxidation reduction potential readings (if applicable) shall be recorded at the same time the free available chlorine or total bromine and pH tests are performed.
 - If in-line electrolytic chlorinators are used, salt levels shall be tested at least weekly or per manufacturer’s instructions.
 - Written documentation of the operator’s visits must be available at the pool facility. At a minimum, the written record must indicate the condition of the following items:
 - The circulation, filtration, and disinfection systems
 - Safety equipment on-site
 - Pool stairs and deck condition
 - Water chemistry test results
 - Record what corrective actions, if necessary, were taken by the operator
 - DPD pool test kit should be available on site.

RULE .18(12)(b): WHERE NO LIFEGUARD IS ON DUTY, A SIGN OR SIGNS SHALL BE PLACED IN CLEAR VIEW AT OR NEAR THE ENTRANCE TO THE POOL AND SHALL STTE IN CLEALY LEGIBLE LETTERS AT LEAST FOUR INCHES HIGH “WARNING – NO LIFEGUARD ON DUTY and RISK OF DROWNING – SUPERVISE CHILDREN CLOSELY”

EXAMPLE:



RULE .18(12)(C): THE SAME SIGN IN SUBSECTION (B) ABOVE OR AN ADDITIONAL SIGN WILL STATE UNDER HEADING "POOL RISKS" THE FOLLOWING ITEMS IN CLEARLY LEGIBLE LETTER AT LEAST ONE INCH HIGH:

1. Shower before entering the water.
2. Children shall not use pool without an adult in attendance.
3. Adults should not swim alone.
4. All children three years old and younger and any child not potty-trained must wear snug fitting plastic pants or a water resistant swim diaper.
5. Do not swim if the suction outlets are missing, broken, or not clearly visible from the deck.
6. No glass articles allowed in or around pool.
7. Do not swallow the pool water.
8. Do not dive unless diving area is clear of other bathers.
9. Do not swim if you had diarrhea within the past two weeks.
10. No animals are allowed in the pool or pool enclosure, except service animals are allowed on the deck.

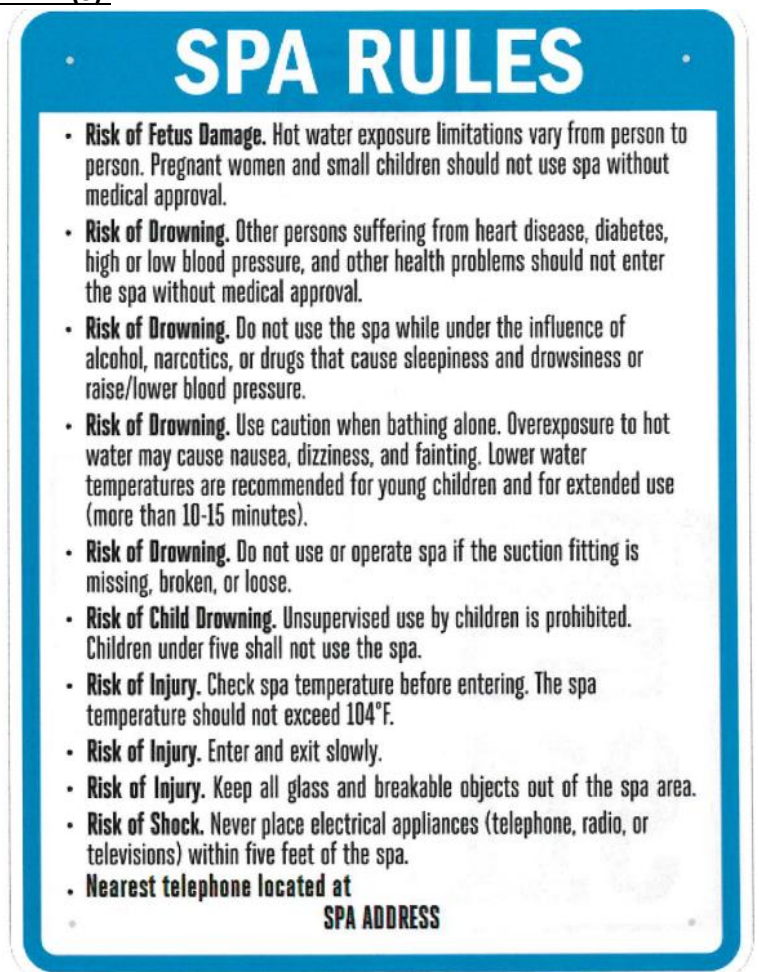
EXAMPLE:



RULE .18(13)(b): WARNING SIGNS FOR SPAS SHALL BE IN CLEAR VIEW OF THE SPA AND PROMINENTLY DISPLAYED. SIGNS SHALL STATE THE SPA'S ADDRESS, THE LOCATION OF THE NEAREST TELEPHONE WITH REFERENCES THAT EMERGENCY TELEPHONE NUMBERS ARE POSTED AT THE LOCATION. THESE EMERGENCY TELEPHONE NUMBERS SHOULD INCLUDE THE NAME AND PHONE NUMBER OF THE NEAREST AVAILABLE POLICE, FIRE OR AMBULANCE SERVICE AND "911" IF AVAILABLE. SIGNS SHALL INCLUDE, BUT NOT BE LIMITED TO THE FOLLOWING MESSAGES:

1. Risk of Fetus Damage. Hot water exposure limitations vary from person to person. Pregnant women and small children should not use spa without medical approval.
2. Risk of Drowning. Other persons suffering from heart disease, diabetes, high or low blood pressure, and other health problems should not enter the spa without medical approval.
3. Risk of Drowning. Do not use the spa while under the influence of alcohol, narcotics, or drugs that cause sleepiness and drowsiness or raise/lower blood pressure.
4. Risk of Drowning. Use caution when bathing alone. Overexposure to hot water may cause nausea, dizziness, and fainting. Lower water temperatures are recommended for young children and for extended use (more than 10-15 minutes).
5. Risk of Drowning. Do not use or operate spa if the suction fitting is missing, broken, or loose.
6. Risk of Child Drowning. Unsupervised use by children is prohibited. Children under five shall not use the spa.
7. Risk of Injury. Check spa temperature before entering. The spa temperature should not exceed 104°F.
8. Risk of Injury. Enter and exit slowly.
9. Risk of Injury. Keep all glass and breakable objects out of the spa area.
10. Risk of Shock. Never place electrical appliances (telephone, radio, or televisions) within five feet of the spa.

EXAMPLE(S):



RULE .18(10)(c): AN OPERABLE, HARD-WIRED, CONVENTIONAL TELEPHONE LINE OR CONTINUOUS POWERED SOURCE, WEATHERPROOF EMERGENCY PHONE SHALL BE PERMANENTLY INSTALLED IN A CONSPICUOUS LOCATION WITHIN THE POOL ENCLOSURE AND MUST BE READILY AVAILABLE TO BATHERS AT ALL TIMES. THE EMERGENCY PHONE SHALL BE CAPABLE OF CONNECTING TO 911 AND ELECTRONICALLY TRANSFERRING AN AUTOMATIC NUMBER IDENTIFICATION AND AUTOMATIC LOCATOR IDENTIFICATION OF THE POOL EMERGENCY PHONE TO THE PUBLIC SAFETY ANSWERING POINT, IF AVAILABLE. A 911 SIGN OR THE NAMES AND PHONE NUMBERS OF THE NEAREST AVAILABLE POLICE, FIRE, AMBULANCE SERVICE OR RESCUE UNIT SHALL BE POSTED NEARBY.

THE ADDRESS OF THE FACILITY SHOULD BE LOCATED ON OR NEAR THE PHONE (EX: ON SIGNAGE OR INSIDE THE DOOR OF A PHONE BOX).

EXAMPLE(S):



.18(12)(a): THE WORDS “NO DIVING” AND THE UNIVERSAL INTERNATIONAL SYMBOL FOR “NO DIVING” SHALL BE PERMANENTLY VISIBLE AT THE EDGE OF THE DECK FOR WATER FIVE FEET IN DEPTH OR LESS, PLACED ONLY ON THE DECK BESIDE THE DEPTH MARKERS, AND SHALL CONFORM TO THAT OUTLINED FOR DEPTH MARKERS IN SUBSECTIONS (3)(a) THRU (h).

- (a) Depth markers on the vertical pool wall shall be positioned to be read from the water side. The marker shall be placed to allow as much of the number to be visible above the waterline as possible.*
- (b) Depth markers on the deck shall be within eighteen inches of the water edge and positioned to be read while standing on the deck facing the water.*
- (c) Depth markers shall be slip-resistant.*
- (d) Depth markers shall be installed at the maximum and minimum water depths and at all points of slope change.*
- (e) Depth markers shall be installed at intermediate increments of water depth of two feet or less, and shall be spaced at intervals of twenty-five feet or less.*
- (f) Depth markers shall be arranged uniformly on both sides and both ends of the pool.*
- (g) Depth markers on irregularly shaped pools shall designate depths at all major deviations in shape.*
- (h) Depth markers number and letters shall be tile and four inches minimum in height. Numbers shall be of contrasting color to the background on which they are applied.*
- (i) Depth markers shall indicate the actual pool depth within plus or minus three inches, at normal operating level when measured three feet from the pool wall or at the tangent point where the cove radius meets the floor, whichever is deeper.*
- (j) Interactive water play pools shall not be required to have depth markings or “No Diving” signage.*

EXAMPLE(S):



This signage will need to be added at the time of renovation (ex: resurfacing of deck, resurfacing of pool, etc.).



NO DIVING

.18(13)(c) SIGN SHALL BE POSTED STATING THE HOURS OF OPERATION IN CLEAR VIEW NEAR THE ENTRANCE AND SHALL STATE THE THEORETICAL PEAK OCCUPANCY.

.22(15) THE THEORETICAL PEAK OCCUPANCY LIMIT SHALL BE OBSERVED BY THE MANAGEMENT. A SIGN STATING THE OCCUPANCY SHALL BE POSTED IN A VISIBLE LOCATION NEAR THE ENTRANCE IN FOUR INCH LETTERS AND NUMBERS. THE MAXIMUM NUMBER OF BATHERS TO BE ALLOWED IN A POOL ENCLOSURE AT ONE TIME SHALL BE BASED ON DPH RULE 511-3-5-.05(12).

EXAMPLE(S):



.18(8): A CLEARLY LABELED EMERGENCY SHUTOFF SWITCH SHALL BE PROVIDED FOR ALL POOLS AND SPAS CONSTRUCTED OR REMODELED AFTER THE ADOPTION OF THIS CHAPTER. THE EMERGENCY SHUTOFF OR CONTROL SWITCH SHALL STOP THE MOTORS THAT PROVIDE POWER TO THE CIRCULATION SYSTEM AND HYDROTHERAPY OR AGITATION SYSTEM PUMP. THE EMERGENCY SHUTOFF SWITCH INSTALLATION SHALL BE INSTALLED IN ACCORDANCE WITH THE APPLICABLE ELECTRICAL CODE.

(Note: New construction or upon major renovation)

EXAMPLE:

**POOL EMERGENCY
CUT-OFF SWITCH**