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SANITARY CODE

NORTH CENTRAL DISTRICT HEALTH DEPARTMENT

SECTION 5

PUBLIC SWIMMING POOL REGULATIONS

5.1. INTRODUCTION

5.1.1. The title of these Regulations shall be the North Central District Health Department Public Swimming Pool Regulations and shall be herein referred to as these "Regulations".

5.1.2. SCOPE: The provisions of these Regulations shall apply to all artificial public swimming pools, whirlpools, hot tubs, etc. as hereinafter defined including all facilities incidental thereto. The purpose of the Regulations shall be to provide minimum standards for the operation and maintenance of such pools in the interest of public health and safety.

5.2. DEFINITIONS

The following definitions shall apply in the interpretation and enforcement of these Regulations. The word "shall" as used herein indicates a mandatory requirement.

5.2.1. ARTIFICIAL PUBLIC POOL

Artificial public pool (herein referred to as "pool") means a structure of concrete, steel, fiberglass or other relatively impervious material with a controlled water supply intended for bathing, swimming or therapeutic purposes, located either indoors or outdoors including private clubs, associations and the like, whether the facility is operated for profit or not. The term "artificial public pool" includes any related equipment, structures, areas and enclosures that are intended for the use of the pool patrons or pool staff such as toilet, dressing, locker, shower and pool equipment rooms.

5.2.2. PRIVATE, RESIDENTIAL POOL

Any artificial pool with a controlled water supply located on a lot also occupied as a single family residence and intended for use exclusively by members of the family and/or their invited guests **and any owner occupied multi-family residence where the pool will be used exclusively by the owner and invited guests.** All such pools are exempt from these Regulations.

5.2.3. OWNER

Any person, firm, partnership, association, corporation, company, governmental agency, club or organization of any kind.

5.2.4. OPERATOR

Operator shall mean an individual at least eighteen (18) years of age with experience and background acceptable to the permit issuing official **and who meets the requirements of (a) supervisory personnel as defined in Section 19-13-B33b(b)2 of the Connecticut Public Health Code.** ~~who has been~~ **This supervisory personnel shall be** designated by the owner to be responsible for the day to day operation and maintenance of the pool, the keeping of records and the activities and regulations pertaining to bathers.

5.2.5 SUPERVISORY PERSONNEL

A person knowledgeable in the operation of the pool and in pool water chemistry and testing shall be on duty on the premises where the pool is located whenever the pool is open for use. Names of supervisory personnel shall be submitted to the local health department annually and whenever a change in such personnel occurs.

5.2.6. PERMIT ISSUING OFFICIAL

The permit issuing official shall mean the Director of Health of the North Central District Health Department or his duly appointed agent.

5.3. PERMITS TO OPERATE

No owner, as defined in Section 2.3 of these Regulations, shall operate a pool within the jurisdiction of the North Central District Health Department without a valid permit to operate issued to him by the permit issuing official. Only an owner who complies with the requirements of these regulations and Section 19-13-B33b of the Connecticut Public Health Code shall be entitled to receive and retain such a permit. Such permits are not transferrable.

5.3.1. ISSUANCE OF PERMIT

Any owner as defined in Section 2.3 of these Regulations who wishes to operate a pool within the Health District shall submit an application for a permit to operate.

5.3.2. APPLICATION FOR PERMIT

Application for such permit shall be made at least fourteen (14) days prior to the expiration of an existing permit. All existing permits shall expire on April 30 each year. Any permit may be revoked or suspended for cause at any time during the year.

5.3.3. NEW POOL

In the case of any application for permit for a new pool, the Health Department shall inspect the pool to determine whether the pool meets the requirements set forth in these Regulations and Section 19-13-B33b of the Connecticut Public Health Code, prior to the issuance of a permit.

5.4. FEES

An annual permit application fee will be required prior to inspection the first year and on May first each year thereafter (see Section 8.4, page 8.3, for appropriate fee schedule). Municipal agencies are exempt from any fees. Applicant is responsible for annual fee. Billing **will** not take place.

5.5. SUSPENSION AND REVOCATION OF PERMIT

5.5.1. SUSPENSION OF PERMIT

If upon inspection, conditions detrimental to the public health are found due to violation of Section 19-13-B33b of the Connecticut Public Health Code, violation of these Regulations, negligence, faulty equipment or inadequate operating procedures, the Director of Health may, by written order, immediately suspend the permit to operate the pool. The pool facility shall be closed to use during the suspension.

5.5.2. REINSTATEMENT

A suspended permit may be reinstated upon evidence based on a reinspection, within fourteen (14) days, that the conditions responsible for the suspension of the permit have been corrected.

5.5.3. REVOCATION OF PERMIT

The Director of Health may revoke any permit to operate a pool for failure to comply with his written order following a fourteen (14) day suspension of the permit. A written notice of revocation shall be sent from the Director of Health to the licensee indicating the permit has been revoked and the reasons for the revocation.

5.5.4. APPEAL

The owner may appeal a written order to the Director of Health. The appeal shall be made in writing and shall be received by the Director of Health within forty-eight (48) hours after receipt of the order. The Director of Health shall review the case and may vacate, modify or affirm such order. The permittee aggrieved by the decision of the Director of Health may, within forty-eight (48) hours after the making of such decision, appeal to the State Commissioner of Health Services, who shall thereupon immediately notify the authority from whose order the appeal was taken and examine into the merits of such case and may vacate, modify or affirm such order.

5.5.5. REISSUE OF PERMIT

A permit to operate shall be issued upon proper application and upon presentation of evidence that the deficiencies causing revocation have been corrected. A permit fee (see Section 8.4 for appropriate fee schedule) will be required for all reissued licenses.

5.6. INSPECTION

The Health Department is authorized to conduct inspections as it deems necessary to insure compliance with all provisions of these Regulations and Section 19-13-B33b of the Connecticut Public Health Code and shall have the right of entry at any reasonable hour to inspect the pool and associated facilities. Pools will be inspected annually and as otherwise deemed necessary **to determine compliance with this Section.**

5.6.1. REINSPECTIONS

If more than one inspection per quarter is found necessary because of violations found, the Health Department shall make a single reinspection visit to determine whether the violations have been corrected. Should it become necessary to conduct other inspections after the initial inspection and single reinspection in the same quarter because of uncorrected violations or because of verified complaints from the public regarding the safe or sanitary operation of the pool or whirl-pool facility, then additional inspections will be charged to the pool operator (see Section 8.4 for appropriate fee schedule).

Failure to pay such additional charges to the Health Department within seven (7) days of receipt of said charge shall result in revocation of the permit to operate the pool or denial of any new permit to operate.

5.7. OPERATION, MAINTENANCE AND EQUIPMENT

5.7.1. No person shall construct a pool or substantially alter or reconstruct any such pool except after the plans therefore have been approved by the State

Commissioner of Health, the Director of Health and the local Building Official. Such plans shall be prepared by and bear the seal of an engineer or architect licensed to practice in the State of Connecticut.

5.7.2. DAILY RECORD REQUIRED

The operator of each pool shall keep a daily record of information regarding operation including disinfectant residuals, pH, maintenance procedures, recirculation, together with other data as may be required. These data shall be kept on file by the operator for a minimum of six (6) months for review by the Health Department.

5.7.3. EQUIPMENT REQUIRED TO MEET NSF STANDARDS

All pools shall be equipped with pumps, filters and automatic disinfectant feeders which comply with the standards of the National Sanitation Foundation and are capable of keeping the pool water clean and of satisfactory bacterial quality and chemical balance.

5.7.3.1. CHLORINE RESIDUAL

When chlorine is used as a disinfectant, a free available chlorine residual of at least 0.8 mg/l shall be maintained throughout the pool. If cyanuric acid is used to stabilize the free available residual chlorine, or if chlorinated isocyanurate compounds are used, the concentration of cyanuric acid in the water shall not exceed 100 mg/l and a free available chlorine residual of at least 1.5 mg/l shall be maintained throughout the pool whenever it is open or in use.

When chlorine is used in public spas, a free available chlorine residual of at least 1.0 mg/l shall be maintained throughout the public spa whenever it is open or in use.

If other halogens are used, residuals of equal disinfecting strength shall be maintained.

5.7.3.2. TEST KIT

A test kit for measuring the concentration of the disinfectant, accurate within 0.1 mg/l, shall be provided at each pool. The test kit shall be a D.P.D. (**diethyl-p-phenylene-diamine**) kit capable of testing for free **available** chlorine, total ~~combined~~ chlorine, pH and alkalinity. Chemicals in the test kits shall be replaced yearly.

5.7.3.3. pH AND ALKALINITY

The pool water shall be maintained at a pH value of not less than 7.2 and not greater than 7.8. Testing equipment for measuring pH value shall be available at each pool. Caustic alkalinity shall not be present.

5.7.4. FIRST AID KIT REQUIRED

A properly maintained first aid kit shall be provided in the pool area. The first aid kit shall be a minimum American Red Cross standard, or equivalent, twenty-four (24) unit kit.

5.7.5. TELEPHONE

A telephone or other acceptable **emergency** communication device shall be provided in the immediate pool area.

5.7.6. FOOD OR DRINK PROHIBITION

No food or drink shall be permitted in the immediate area of the pool or ~~on the decks~~ **within the required enclosure barrier** surrounding the pool.

5.7.7. PETS PROHIBITED

No pets shall be permitted in the pool, in the immediate area of the pool or ~~on the decks~~ **within the required enclosure barrier** surrounding the pool.

5.7.8. DECK, DRESSING ROOM, TOILET ROOM, SHOWER REQUIREMENTS

The dressing rooms, toilet rooms and shower rooms (separate for each sex) shall be kept clean, in good repair and well ventilated. The floors of the pool deck and all shower rooms shall be treated with a 0.5% chlorine solution or an equivalent fungicide, daily. Warm water at a temperature of 90°F to 105°F shall be furnished at showers convenient to the pool. Adequate and convenient toilet facilities shall be available in the pool area for the use of swimmers. Toilets, lavatory sinks and shower fixtures shall be kept in good repair.

5.7.9. EQUIPMENT ROOMS, EQUIPMENT AREAS AND EQUIPMENT

Equipment rooms, equipment areas and equipment shall be kept in good repair, clean and in a sanitary condition. Drain grates/**suction fittings** shall be vandal-proof, designed to prevent ~~hand~~ **limb/body/hair** entrapment, and shall be secured in place in a manner that will prevent removal by bathers.

5.7.10. DECK EQUIPMENT

Hand rails shall be provided at all steps, step holes and ladders and shall be properly secured to the pool deck or pool.

5.7.11. ACCESSIBILITY

All outdoor pools shall be surrounded by a barrier which shall be at least four (4) feet high and designed to discourage access by unauthorized persons. Entry gates shall be self-closing and self-latching. When the pool is not open for use, access to the pool shall be prevented.

5.7.12. LIFE SAVING EQUIPMENT

Each public swimming pool shall be provided with one unit of life saving equipment for each 100 feet of perimeter of the pool. Life poles or shepherd's crooks shall be mounted in permanent sockets at the deep area of the pool. Life saving equipment shall be mounted around the pool on fences or barriers of outdoor

pools and room walls of indoor pools. One unit of life saving equipment shall consist of a ring buoy, fifteen (15) inches inside diameter, attached to fifty (50) feet of one quarter inch line; and, a life pole or shepherd's crook, twelve (12) feet in length.

5.7.13. DEPTH MARKERS

Depth markers shall be provided on the pool rim at points of minimum and maximum depths and where the pool floor changes slope. Depth markers shall be visible from within the pool and while standing on the pool deck. The numerals shall be at least four (4) inches high and be of a contrasting color with the pool background.

5.8. REQUIRED SIGNS

5.8.1. WARNING SIGN

When no lifeguard is on duty, a warning sign shall be placed in plain view. It shall be in letters at least four (4) inches high and shall state: "Warning - No Lifeguard On Duty".

5.8.2. OTHER REQUIRED SIGNS

The sign stating the following shall be posted at the pool and dressing room in printing at least one half inch high:

- a. All persons shall bathe with warm water and soap before entering the pool.
- b. Any persons known or suspected of having a communicable disease shall not use the pool.
- c. Spitting or blowing the nose in the pool is prohibited.
- d. Running, boisterous or rough play (except supervised water sports) is prohibited.

5.8.3. All pools shall have posted at their entrance the following:

- a. Directions to the nearest telephone, the nearest first aid kit and resuscitation equipment.
- b. The telephone numbers (in print at least one half inch high) of the nearest police department, fire department, emergency medical service provider, hospital and physician on call in the immediate area (911 is an acceptable alternative). These telephone numbers shall also be posted at the pool telephone.

5.8.4. A sign with minimum print one half inch high, with the following precautions, shall be adjacent to whirlpools, public spas;

C A U T I O N

- a. Elderly persons and those suffering from heart disease, diabetes, high or low blood pressure should not enter the whirlpool.
- b. Unsupervised use by children is prohibited.
- c. Do not use while under the influence of alcohol, anticoagulants, hypnotics, narcotics or tranquilizers.
- d. Do not use alone.
- e. Observe a reasonable time limit (preferably not longer than fifteen (15) minutes) then shower, cool down and if you wish, return for another brief stay. Long exposures may result in nausea, dizziness or fainting.

5.9. SEPARABILITY CLAUSE

Should any section, paragraph, sentence, clause or phrase of these Regulations be declared unconstitutional or invalid for any reason, the remainder of said Regulations shall not be affected thereby.