Portsmouth Annual Electrical Pool Inspection Report

(Swimming Pool, Spa, Wading Pool)

Name of Complex: _____

Pool Address: _____

Contact person (Please Print):_____

Phone#_____ secondary Phone#_____

Type of Pool: _____Swimming _____Spa _____Wading

Initial Inspection Date: _____ Re-inspection date:_____

Annual Electrical Pool Inspection Check List:

NFPA 70: NATIONAL ELECTRICAL CODE (NEC) 2017 EDITION	
110.3 suitability of equipment: rated for damp / wet location. Listed or labeled equipment properly installed and used as listed.	404.4 switches: wet locations, a switch, or circuit breaker in a wet location or outside a building shall be in a weatherproof enclosure, also comply with 312.2.
110.12(b) Mechanical execution of work: unused openings closed, provide ready and safe access, no damaged parts such as broken, cut, or deteriorated by corrosion / heat.	408.4 circuit directory: Every circuit and circuit modification shall be legibly identified as to its clear, evident, and specific purpose or use.
110.14 Electrical connections: no open boxes or splices.	680.10 Pool water heaters: max load 48 amp. Max over current protection 60 amp.
110.26(a)(2) Space about electrical equipment: working space, illumination, headroom, dedicated space, outdoor electrical equipment shall be installed in suitable enclosures and protected from accidental contact.	680.13 Disconnecting means readily accessible and within sight of equipment. Working clearances shall also be maintained.
406.4(d)(6) Receptacles: All receptacles located in damp or wet locations require GFCI protected weatherproof attended or unattended covers.	680.22(b)(4) Lighting: Luminaries and transformers require GFCI protection within 10 feet horizontal of inside wall. Switching devices located at least 5 feet from inside wall.
680.6 Grounding: All non-current-carrying parts of electrical and non-electrical equipment within 5 feet of the inside walls must be bonded # 12 copper minimum	680.41 Emergency switch: A clearly labeled 'Emergency Shutoff" switch for the recirculation system shall be posted.
680.9 Overhead conductor clearances, pool structures.	**Portsmouth City Code: Chapter 34, Section 34-5**
680.22(b) receptacles: Shall not be less than 6 feet from inside pool, receptacles not greater than 20 feet and rated 15 or 20 amperes shall be provided with GFCI protection, also pump motor receptacles must be GFCI protected.	34-8; applicability to existing pool or spa/hot tub: when any condition exists that would endanger the health, safety or life of any person, when any alteration, placement or replacement of any equipment, all fence and gate requirements
680.26(b) Bonding grid: All metallic structural components, lighting forming shells and electrical equipment must be bonded by solid #8 copper conductor. The inspector shall verify the bond connection.	34-31 Operational safety: Pumps, filters and other mechanical and electrical equipment shall be enclosed in such a manner accessible only to authorized persons. Drainage shall avoid accumulation of water in vicinity of electrical equipment.
	34-33 Pool lighting: Pools used after dark shall be equipped with lighting fixtures. The director of Public Health may waive underwater lighting when overhead lighting provides minimum illumination.

I have inspected the electrical fixtures and wiring systems associated with this pool and certify this facility is ___ in compliance/___ not in compliance with all applicable sections.

Signature of Electrician _____Date: _____

Electrical company Name: _____

State License #_____Exp. Date_____

Signature of pool facility contact person: _____Date:_____