



# Aquatic Facility Electrical Insp.

## Environmental Health Division

Wichita Falls-Wichita County Public Health District

1700 Third St. | Wichita Falls, TX 76301 | 940-761-7800 | [www.health.wichitafalls.tx.gov](http://www.health.wichitafalls.tx.gov)

Facility # \_\_\_\_\_  
Date Received \_\_\_\_\_  
Date Scanned \_\_\_\_\_  
For Office Use Only

### **Incomplete/Incorrect Electrical Inspection Forms will NOT be Accepted.**

Name of Establishment: \_\_\_\_\_ Office Phone: (\_\_\_\_\_) \_\_\_\_\_

Establishment Address: \_\_\_\_\_ City/State/Zip: \_\_\_\_\_

Location of Aquatic Facilities if there are multiple (Pool, Spa, Office Pool, Clubhouse Pool, etc.): \_\_\_\_\_

**Directions:** If there are multiple aquatic facilities (2 pools, a pool and a spa, etc.), then a SEPARATE form must be filled out for EACH one if they do NOT share a pump room. This inspection is to be conducted by a certified and licensed electrician: Initial each item to certify that it is in proper working condition at each aquatic facility. If an item is not applicable, then write "N/A". The inspection must include, but is not limited to, the following checklist in accordance with §265.195. Electrical Requirements for Pools and Spas.

Initials	Requirement	Comments
	Aquatic facility (pool, spa, etc.) was filled at the time of the inspection (required).	
	Ground fault circuit interrupters (GFCIs) required. All electrical outlets in the pool or spa yard and in dressing or sanitary facilities serving a pool or spa shall be protected with a GFCI. All GFCIs have been tested and found in good working condition.	
	Each electrical line to an underwater light in a pool or spa shall be protected with a GFCI located in the circuit breaker for the light at the breaker box or in an outlet through which the power for the light passes. All GFCIs have been tested and found in good working condition.	
	GFCI compliance with the NEC. All GFCIs and circuit breakers shall comply with the NEC. Other electrical equipment, including pumps, must be grounded and bonded in accordance with the NEC. Pumps shall be both internally and externally grounded. All GFCIs have been tested and found in good working condition.	
	Bonding. Pools and spas shall be bonded in accordance with the NEC or with UL 1563 as applicable. Checked all bond wires on all electrical equipment to pool. Any and all deficiencies have been corrected.	
	Plastic coated rebar. Plastic coated or epoxy coated rebar in pools or spas is prohibited. Checked for plastic coated rebar and replaced as necessary.	
	Indoor aquatic facilities and interior chemical storage spaces. For purposes of compliance with the NEC, an indoor aquatic facility and interior chemical storage spaces shall be considered wet and corrosive environments. Treated these spaces as such.	
	Wet and corrosive chemical storage. Electrical conduit shall not enter or pass through an interior chemical storage space, except as required to service devices integral to the function of the room, such as pumps, vessels, controls, lighting and safety devices. Any and all deficiencies have been corrected.	
	Sealed and inert. Where required, the electrical conduit in an interior chemical storage space shall be sealed and made of materials that will not interact with any chemicals in the chemical storage space. Any and all deficiencies have been corrected.	
	Protected lighting. Lamps, including fluorescent tubes, installed in interior chemical storage spaces shall be protected against breakage with a lens or other cover, or otherwise protected against release of hot materials. Any and all deficiencies have been corrected.	
	Overhead wiring and lines. Overhead wiring and power lines shall be elevated over the indoor or outdoor pool or spa in compliance with the NEC and NESC. Any and all deficiencies have been corrected.	
	No exposed wiring present on site. Checked and tightened all loose wires found in panels and/or disconnects. Checked all conduits and connectors for tight connections. Checked breakers and fuses for looseness and working condition.	
	Replaced all defective conduits, panels, disconnects, switches, troughs, pull boxes, and junction boxes, if needed.	



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Initials	Requirement	Comments
	Emergency shutoff switch required for <u>spas only</u> . An emergency shutoff switch shall be provided to disconnect power to circulation and jet system pumps and air blowers in a spa. Emergency switches shall be accessible to users, located within sight of the spa and located not less than 5 feet, but not greater than 10 feet from the inside walls of the spa. Any and all deficiencies have been corrected. Emergency switches have been tested and found in good working condition.	
	Checked underwater fixtures and deck boxes for leakage from worn or broken gaskets and for worn or deteriorated cords to fixtures. Also checked clamps that hold fixtures in their cases. No deficiencies exist or deficiencies have been repaired.	
	Equipment rooms or pits have adequate drainage. (NEC 680.11)	
	Checked all pole lights and receptacles around pool for proper grounding, loose conduit connections, breakage, and damaged or missing plates or covers.	
	No electrical hazards exist on site that may pose a threat to private or to public safety.	
	If applicable, newly installed equipment meets NSF Standard 50; Newly installed lighting installed in accordance with the NFPA 70 and the current NEC; Newly installed heater accessible on-off switch required. Electric power to heaters shall be controlled by a readily accessible on-off switch that is an integral part of the heater, mounted on the exterior of the heater or external to and within 3 feet of the heater. Operation of the switch shall not change the setting of the heater thermostat. Switches shall be in addition to a circuit breaker for the power to the heater.	
	UV light disinfection systems shall include an automatic audible alarm to warn of a UV light disinfection unit malfunction or impending shutdown, be equipped with an automatic mechanism for shutting off the power to the UV light source whenever the protective UV unit cover is removed, and be installed in an enclosure designed to protect the operator against electrical shock or excessive radiation and that provides protection from UV exposure. Alarm and mechanism have been tested and found in good working condition.	
	Other (must include comments)	

**"I hereby certify that I am currently a certified and licensed electrician and I am qualified to make the above inspections and repairs. My initials above and signature below indicate that all information included on this certification page is complete and true to the best of my knowledge."**

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Electrician Print Name

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Electrician Signature

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Date of Inspection

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Electrician License Number

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Electrician Phone Number

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Date of Final Repairs

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Environmental Health Inspector Signature

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Environmental Health Inspector Date