



Texas Department of Licensing and Regulation
920 Colorado St.
Austin, Texas 78701
Phone: (800) 803-9202

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Tela Mange

Public Information Officer

Texas Department of Licensing and Regulation

512.463.3208

Make Sure Electrical Work Near Water Is Performed By A Licensed Electrician

AUSTIN – The Texas Department of Licensing and Regulation urges property owners to hire licensed electrical contractors who are specifically trained to work in water and electrical safety to perform any electrical work on wiring or equipment located within 20 feet of a body of water, including pools, lakes or beaches.

“It’s way too easy to accidentally electrocute someone in a swimming pool or near any body of water because of improperly installed electrical work,” said TDLR Executive Director Brian E. Francis. “Don’t take that risk by hiring someone who is not licensed and trained to perform that type of work near water.”

Electrical contractors, electricians or residential appliance installers should not perform this type of electrical work unless they’ve received the proper training for water and electrical safety.

New pool electrical installation must be done by licensed electricians working for an electrical contractor. Pool electrical maintenance must be done by licensed electricians working under an electrical contractor or licensed residential appliance installers working for a residential appliance installation contractor.

SAFETY TIPS FOR POOLS AND ELECTRICITY

- It’s always a good idea to hire a licensed electrician to perform periodic inspections of electrical equipment around your pool, spa or fountain each year, just to make sure the equipment is still safely operating.
- Before using an outdoor electrical outlet, check to make sure the receptacle is protected with a ground fault circuit interrupter (GFCI) and that the GFCI is working properly. You can test the GFCI by pushing the test button on the receptacle or on the breaker inside the electrical panel. If the GFCI isn’t working properly, hire a licensed electrician to fix it.
- Any electrical wiring that is within 20 feet of a swimming pool should have protection from a ground fault circuit interrupter, INCLUDING UNDERWATER LUMINAIRES (pool lights).
- Make sure overhead electrical lines do not pass over the pool. In fact, it’s best to keep a pool at least 25 feet away from power lines in all directions.

Contact: Tela Mange | Public Information Officer | Texas Department of Licensing & Regulation

512-463-3208 | tela.mange@tdlr.texas.gov | media.inquiries@tdlr.texas.gov | www.tdlr.texas.gov

TDLR Customer Service | (512) 463-6599 | Toll-Free (in Texas) | (800) 803-9202 | Relay Texas-TDD: (800) 735-2989

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- Allow at least 18 feet of clearance between overhead power lines and a diving board, deck, platform, slide, or observation area. Never build an in-ground pool or set up an above-ground pool over underground electric cables.
- Pools and pool decking should be installed at least 5 feet away from all underground utility lines.
- Except for specially designed lighting fixtures, don't put electrical fixtures or receptacles within 5 feet of a pool.
- Be sure to comply with any local building codes that may provide more stringent guidelines than the ones that have been listed.

When hiring an electrical contractor, be sure to check whether they are licensed by TDLR: <https://www.tdlr.texas.gov/verify.htm>.

Report unlicensed activity: <https://www.tdlr.texas.gov/complaints/>.

About TDLR

TDLR provides regulatory oversight for a broad range of occupations, businesses, facilities, and equipment in Texas. The agency protects the health and safety of Texans by ensuring they are served by qualified, licensed professionals. Inspections of individuals, businesses, and equipment are done on a regular basis to safeguard the public. Currently, the agency regulates 40 business and occupational licensing programs with more than 1,000,000 licensees across the state.

Visit TDLR's [website](#) for more information and resources. You can search the [TDLR licensee database](#), and also find [past violations](#) in which a final order was issued against companies or individuals. TDLR's Customer Service line is available anytime between 7 a.m. until 6 p.m., Monday through Friday, at 1-800-803-9202. TDLR representatives are fluent in English, Spanish and Vietnamese.

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