

CONSTRUCTION

# TIPS

## Certified Electrical Work on TxDOT Projects

Electrical work on TxDOT projects must be performed or directly supervised by the contractor's licensed or certified staff. Electrical work is defined in detail in Article 7.15 A. Some classifications of electrical work such as, "specialized electrical work" require that the work be performed or directly supervised by a licensed electrician only (certified persons are not acceptable). Table 2 in Article 7.15 shows types of electrical work with the corresponding required license or certification. The contractor's staff may be licensed or certified by one of the following methods:

- Completion of the TxDOT Electrical Systems course taught by the Texas Engineering Extension Service (TEEX) and passing the exam.
- Obtaining an electrical license (Journeyman or Master Electrician) issued by either the state of Texas or a city in Texas with a population of 50,000 or greater.

Inspectors should obtain copies of these certifications or licenses for applicable contractor personnel before a construction or maintenance project begins. As stated in Article 7.15, "Electrical Work" of the 2004 *Standard Specifications for Construction and Maintenance of Highways, Streets and Bridges*, this certification is required for contractor personnel either directly supervising or actually performing electrical work.

Recently, TEEX began issuing certifications with an expiration date. Until further notice, TxDOT will accept TEEX Electrical Systems course certifications regardless of expiration date shown. The certificate is considered as proof the holders have completed requirements of this course, in accordance with the contract.

The Traffic Operations Division (TRF) is working with the Human Resources Division to develop an electrical training course for TxDOT inspectors and other personnel. This course will be more in-depth than the current TEEX course offered to contractor personnel. Once the course curriculum is approved, TRF will work on developing a refresher course which can be taken periodically to keep abreast of new code changes and specifications. TxDOT is considering requiring a refresher course to maintain certification and will continue to work closely with industry to develop and maintain an education program that is beneficial to industry and the public.

If you have any questions, please contact Gary Counts at (512) 416-3143 or Carlos Lopez at (512) 416-3200.



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