



## Kisatchie-Delta Regional Code Compliance Office

Rapides Area Planning Commission  
1405 Frank Andrews Blvd., Alexandria, LA 71303  
(318) 487-5401 or 1-800-256-2656

# ELECTRICAL – TRADE PERMITS

## MINIMUM INSPECTION REQUIREMENTS

**Contact your local building official to see if a permit is required**

- **A full 24 hour notice is required.**
  - **Cancellations** must be made a minimum of 2 hrs before the scheduled inspection. If an inspector arrives for an inspection and it is not ready, a fail will be given and a fee for re-inspection will be charged.
1. Permits are required for all electrical system additions, alterations, or replacements with the following exceptions:
    - a. Minor repair work, including the replacement of lamps or the connection of approved portable electrical equipment to approved permanently installed receptacles,
    - b. The installation of any temporary system required for the testing or servicing of electrical equipment or apparatus, and
    - c. Radio and television transmitting stations except for the equipment and wiring for a power supply and the installations of towers and antennas.
  2. All service conductors must be correctly sized and in conduit or be the proper cable approved for outside use and/or for direct burial. Buried electrical pipe or cable must be a minimum of 18" deep.
    - a) 100 Amp Service: #4 Copper or #2 Aluminum with a #8 Copper ground wire
    - b) 150 Amp Service: #1 Copper or 2/0 Aluminum with a #6 Copper ground wire
    - c) 200 Amp Service: 2/0 Copper or 4/0 Aluminum with a #4 Copper ground wire
  3. The meter enclosure and all electrical panels involved, both exterior and interior, must be grounded with a #4 AWG copper conductor connected to a driven 8 foot rod of:
    - a) 1/2 inch copper
    - b) 5/8 inch iron or steel
    - c) 3/4 inch galvanized or coated iron or steel pipe
  4. For overhead service:
    - a. A meter enclosure manufactured for overhead service must be used.
    - b. The conduit, or pipe, for the service entrance conductors must be rigid pipe of RMT, EMT, or EMC and be strapped to the pole or structure.
    - c. An approved weatherhead must be at the top of the riser.
    - d. The top of the weatherhead must be a minimum of 10 feet above grade.
  5. For underground service, a meter enclosure manufactured for underground service must be used.
  6. The ground wire to the ground rod must be enclosed in conduit and strapped to the pole or structure or if not enclosed, secured every 6" to the pole or structure.

### **ALL ISSUES MENTIONED ABOVE MUST BE COMPLETED AND INSPECTED**

1. If none of the work is concealed, only one final inspection is required.
2. For any components that are to be concealed, a rough-in inspection and final inspection are required.