



City of Santa Monica
Building and Safety Division

Temporary Power Pole Checklist

This is to be used as a general checklist; it is not inclusive of all code requirements and inspection criteria.

- Minimum size of a wood pole to support service equipment (6"x6" if square, or have top diameter of at least 5" if round). Sufficient length to maintain all required overhead clearances as per the [CEC 225-18], but in any case shall not be less than 20'. The lower end shall be embedded not less than 4 feet in to the ground. Witness conduit to verify depth [SMMC 8.24.060]
- Raceway for temporary service shall be rigid metal conduit, electrical metal tubing or schedule 80 rigid nonmetallic conduit [SMMC 8.24.060 (B)2]
- Identify neutral at both ends. [CEC 200-6(A)(1)]
- Refer to Southern California Edison specifications for other temporary power pole requirements. [See attached diagram S.C.E. ESR-2]
- Refer to [CEC 240] for overcurrent protection. See Table 310-16 for Allowable ampacities of insulated conductors.
- Refer to [CEC 250] of grounding and bonding requirements.
- Minimum 100 amp service.
- Minimum two 20 amp GFCI protected receptacles, one 220 volt receptacle with handle tie (30, 40 or 50 amp breaker, also GFCI protected).
- Receptacles of different voltage and current rating shall not be interchangeable. [CEC 305-6(A)]
- Identification of Disconnecting Means (All circuit breakers labeled). [CEC 110-22]
- Grounding Electrode conductor shall be copper, aluminum, or copper-clad aluminum. The material shall be resistant to corrosive condition existing at the installation or shall be suitably protected against corrosion. The conductor shall be installed in one continuous length without a splice or joint. [CEC 250-62]
- The Grounding Electrode Conductor shall be protected when subject to mechanical damage. [CEC 250-62(B)]
- The Grounding Electrode Conductor shall be connected to the grounding electrode by a listed clamp. [CEC 250.70]
- Weatherproof enclosures for overcurrent devices in damp or wet locations shall be so placed or equipped as to prevent moisture or water from entering the enclosure. [CEC 312-2(A)]
- Receptacles in Damp or Wet locations shall have an enclosure that is weatherproof when the receptacle is in use. [CEC 406.8 (A)]
- Temporary wiring shall be removed immediately upon completion of construction or purpose for which the wiring was installed. [CEC 590.3]
- See Southern Calif. Edison temporary service requirements ESR-2, figure 2-13, overhead service connections 0-600 volts.