



Building & Safety Division
Community Development Department
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Temporary Power Pole Checklist Handout

Temporary Power Pole Checklist

- Torque wrench required at time of inspection to verify lug / terminal connections. CEC 110.3(B)**
- Conductor clearance for service drop installations shall follow CEC 230.24(A) thru (B)(4) & 680.8(A)
- Identify burial depth of service entrance raceway if underground. CEC 300.5(A)
- If an underground installation is utilized, a warning ribbon is required to be installed 12" below top of grade. CEC 300.5(D)(3)
- Temporary utility pole will be required to be substantially supported and secured to prevent overturning. CEC 230.28(A)(B)
- Indicate main breaker size and buss bar max amperage. CEC 110.3
- Indicate the size and type of service entrance conductors. CEC 310.8(D)
- All service entrance conductors feeding from a ground mounted transformer to the temporary power pole shall be properly protected from damage. CEC 230.50(A)(B)(1)(2)
- Identify neutral conductor at both ends. (White marking or tape). CEC 200.6(B)
- Identify point of interconnection with PG&E on the site plans.
- Max. handle/switch breaker height in the highest position shall 6' – 7", CEC 240.24(A)
- Service disconnects labeled as such. CEC 230.70(B)
- Show location of ground rod(s), size and material used on the site plan. Minimum burial depth shall be 8 feet. CEC 250.52(5)
- Identify grounding conductor size and type. CEC 250.66
- Buried clamps L&L for direct burial. Not more than 1 conductor per single clamp. (Marked "DB") CEC 250.70
- Provide overcurrent protection for branch circuits. CEC 590.4(C)
- GFCI required on all 120 volt 15, 20 & 30amp temporary receptacles. CEC 590 6(A)(1)
- No receptacles on branch circuits supplying temporary lighting. CEC 590(D)(1)
- All multiwire circuits require handle ties. CEC 590.4(E)
- Service enclosure main bonding jumper must connect enclosure, service neutral and equipment grounds. CEC 250.24(B)

INSPECTION SEQUENCE:

**Torque wrench required at time of inspection to verify lug / terminal connections. CEC 110.3(B)
Upon completion of this verification, inspector will affix a label of compliance.
This label MUST be present for PG&E to supply power to service panel.**

Rough Electrical Inspection & Meter Release, for Temporary Power Pole:

- Inspector will verify that the submitted plans accurately reflect the proposed installation size of main service panel.
- Inspector will verify compliance of work space requirements in front of panel.
- Service entrance conductors will be verified at this time to insure they are of the correct size and insulation rating.
- Grounded and ungrounded conductors shall be identified.
- Inspector will verify correct installation of "Grounding Electrode System".
- All bonding components (water & gas bonding if applicable) shall be in place at the time of this inspection.
- All required GFCI circuit breakers shall be installed at this time.
- Labeling of all circuits shall be identified.
- **Inspection items to call in are #150 – UFER / Ground Rod, #917 – Temp Power Pole, #950 – Final Electric, #995 – Final Permit on permit card.**

NOTE:

After completion of this inspection, (Temp Power Pole, Final Building Permit) City staff will NOT visit the site again. If service is approved, a meter release will be sent to PG&E by the Building Division. The Building Division does not control PG&E installation schedules.