

TEMPORARY ELECTRICAL REQUIREMENTS

Construction Sites

2011 National Electrical Code (NEC)

A permit may be issued for a temporary electrical service at a construction site for the purpose of allowing a builder to operate power tools or electrical equipment during construction. ***Please note there must be a building permit issued for a structure at the site (i.e., the building to be constructed or an on-site construction trailer) before a temporary power permit will be issued. Note: A trailer with a license plate pulled by a pickup truck does not require a building permit and is not considered an on-site construction trailer.*** Use of the temporary electrical service is limited to the use related to construction only. Validity of the electrical permit will be concurrent with the active status of the building permits(s).

Usage of a temporary electrical service for the purpose of energizing an **on-site** construction trailer will require a separate permit for the construction trailer. Construction trailers subject to regulations of the City of Winnemucca and/or Manufactured Housing Division must comply with all applicable set-up standards. The temporary electrical service for an **on-site** trailer will not be approved until the set-up of the trailer has been approved. A set-up inspection of the on-site trailer will be required to occur simultaneously with the inspection of the temporary electrical service for the trailer.

Listed below are the conditions and requirements for temporary electrical connections:

1. Support of the service shall be by rot resistant material (Exception: support members not exposed to outdoor conditions for longer than 6 months. If you are unsure of the time frame, install rot resistant material). NEC and NV Energy guidelines apply.
2. Receptacles used in wet locations (outdoors) will be required to have a weatherproof enclosure that remains closed even when a plug is inserted (bubble cover). NEC 406.9(B).
3. GFCI protection is required via a GFCI receptacle or circuit breaker. The GFCI protection is to continue throughout the life of the construction project.
4. A receptacle located under the panel may not be supported by the conduit. Ensure the receptacle box is independently supported.
5. All equipment, wiring, overcurrent protection, etc. are to be in accordance with NEC requirements.
6. The service equipment (meter with main service disconnect) shall be installed and ready for utility connection at the time of the inspection. Any feeders/subpanels/receptacles needed for the temporary electrical shall be installed and ready to be energized upon completion of the inspection.
7. Structures shall not be occupied until this office performs and approves a final inspection.

Quick notes for a **typical** temporary electrical service inspection to operate tools:

- Install rot resistant support members for the panel, where applicable.
- Install a GFI receptacle with a bubble cover- wired to the circuit breaker- to plug in power tools.
- Support the receptacle by a means other than the conduit.
- Install a grounding electrode system (If driving a ground rod, drive to a depth of not less than 8', except where allowed by code.
- Install breaker blanks at all unused circuit breaker openings