



## GUILFORD COUNTY PLANNING AND DEVELOPMENT

### Temporary Electrical Power for Construction Purposes Bulletin and Application for Temporary Power

Guilford County's Inspection Division recognizes the need to have temporary electrical service at both residential and commercial construction sites but for only the following uses:

- 1) To facilitate construction.
- 2) To test and check out systems and equipment.
- 3) Where the distance from the construction site to the temporary saw service exceeds 200 feet.
- 4) Under special circumstances.

NOTE: Information stated in the manufacturer's instructions warns that gas-oil-heat pump and electric furnaces are not to be used for temporary heating during construction of a house. (As per *Bulletin - Contractors Temporary Heating*).

*Temporary shall be acceptable only after filling out a form to request temporary electrical service connection, and is approved based on the condition of the temporary installation.*

A request for temporary construction service by a contractor will be directed to the permit section.

After filling out the application for temporary power form, and upon approval, **an additional inspection fee** will be charged.

After the electrical work has been approved, the inspector will authorize the release of power, Temporary construction use only, for a defined and limited period of time (i.e., 15 days, 30 days etc.). The power company will be notified and the power will be released on temporary in the applicant's name. Concurrently, the technician will schedule a follow-up final inspection for the expiration date of the temporary release.

This release of power, since it is for construction purposes, is not dependent on other final trade inspections. The release of power for the above listed construction uses is not in any way to be considered as an approval for occupancy. Prior to occupancy, the following inspections are to be completed and approved:

- 1) Building Final
- 2) Plumbing Final
- 3) Mechanical Final
- 4) Electrical Final
- 5) Fire Marshal Final
- 6) Health Department Final when the structure is served by either or both a well and septic system.
- 7) Site Plan Final when the approved site plan indicates that improvements are required.

Only after all of the above have received an approval will a "Certificate of Occupancy" be issued. With a certificate in hand, the structure can be safely occupied. The privilege of "Temporary Construction Service" will be withdrawn if abused.

As a service to the commercial client, for very large and complicated projects, we can conduct a "Pre-C.O." meeting at the site to answer questions about code and ordinance requirements that must be approved in order for any Certificate of Occupancy to be issued.



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**Application for Temporary Power**

**Scope:** The provisions of this section apply to utilization of portions of the permanent wiring system within a building to facilitate construction.

**Definition: Responsible Agent-** For the purpose of this section, the responsible agent shall be the entity(s) who, in fulfillment of contractual obligation of otherwise, is empowered to control and supervise all construction activities. The suitability of the responsible agent shall be at the sole discretion of the authority having jurisdiction.

**Uses Permitted:** Utilization of portions of the permanent wiring system to facilitate construction shall be permitted and limited to those instances in which the use of same is deemed to be of reasonable necessity. Reasonable necessity shall include any of the following:

- 1) Where the distance between the construction site electrical service and any interior point at floor level is in excess of 200 feet following the most direct route that an extension cord could reasonable be routed.
- 2) Other situations as allowed by special permission.

- *Note- Information included in the manufacturer's instructions warns that gas, oil, heat pumps and electric furnaces are not intended for use during residential construction. (Re: Bulletin - Contractors Temporary Heating)*

**Uses Prohibited:** Utilization of portions of the permanent wiring systems during construction for any purpose other than testing and verification shall not be permitted where such use is solely for convenience. In no case shall any portions of the permanent wiring be energized for construction purposes until such portions have been inspected and released by the appropriate electrical inspector.

**Application for Power:** Application for power shall be made by and in the name of the responsible agent. The applicant shall explicitly state the portion of the electrical system for which application is made its intended use and duration. The applicant shall receive written permission from the electrical contractor stating the portions and suitability of those portions of the electrical system to be energized.

**Ground Fault Circuit Interruption Protection:** All 125-volt single-phase branch circuits authorized for use shall have ground-fault interrupter protection for personnel. Exception: Branch circuits used exclusively for lighting and routed in metallic raceways, or otherwise protected by location from physical damage.

**Security and Notification:** The responsible agent shall maintain the energized system or portion of the building containing the system in a secured and locked manner or under constant supervision to exclude unauthorized personnel. The responsible agent shall assume the responsibility to alert personnel working in the vicinity of the energized electrical system to its presence.

**Inspections:** Adequate inspections as deemed necessary by the authority having jurisdiction shall be made prior to energizing to assure that such usage complies with the requirements of this section.

**Consent of Responsible Agent:** The responsible agent shall consent to all provision of this section. Additionally, consent shall be extended to remove or allow to be removed all power supplied to a building or structure under these provisions when in the sole discretion of the authority having jurisdiction, such service is no longer consistent with the provisions of this section. Such consent shall be in writing as prescribed by the authority having jurisdiction.

**Unauthorized Energizing:** Unauthorized energizing or use of the permanent wiring systems or any portion thereof shall be prima facie evidence of hazard which at the sole discretion of the authority having jurisdiction may result in disconnection of power, revocation of permit, and/or refusal to consider future request for temporary power as prescribed in this section.

**\*NOTE - THERE WILL BE A NON-REFUNDABLE FEE FOR THIS APPLICATION.**

**\*BOTH ORIGINAL PARTY SIGNATURES REQUIRED FOR RELEASE OF TEMPORARY POWER.**

**JOB LOCATION:** \_\_\_\_\_ **PERMIT #** \_\_\_\_\_

**Electrical Contractor:** \_\_\_\_\_ **Date:** \_\_\_\_\_/\_\_\_\_\_/\_\_\_\_\_

**Company Name:** \_\_\_\_\_

**Responsible Agent:** \_\_\_\_\_ **Date:** \_\_\_\_\_/\_\_\_\_\_/\_\_\_\_\_

**Company Name:** \_\_\_\_\_ **Entered By:** \_\_\_\_\_