



Alachua County Department of Growth Management

Building Division

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Alachua County Semi-Perm Inspection Guide

This form is intended as a basic guide and does not cover all codes that may be relevant to your project.
This form shall be provided to applicants at time of permit issuance.

All work shall comply with The Florida Building Code, NEC, and manufacturer installation instructions enforced at the time of application.

Inspection Requirements

2045 – Semi Permanent Power

Purpose of inspection:

The purpose of the “Semi Perm” inspection is to verify the readiness for a structure or residence to receive electricity from the utility company. The guide below is to ensure code compliance as well as general safety. Not all items will have code sections but are determined by the Building Official as required.

Service:

1. Working clearances per NEC 110.26 (A), 230.70(A).
2. Overhead service conductors have proper clearance from ground, NEC 230.24, 230.26.
3. Service mast is supported and attached per NEC 230.28.
4. Underground service riser & all raceway secured per NEC section for raceway type.
5. Service equipment is mounted to building, or pedestal, per NEC 110.13 (A), 110.26.
6. Marked as “Suitable for use as service equipment” per NEC 230.66(A).
7. ¼” clearance maintained behind and around enclosures per NEC 312.2.
8. Raceways entering above live parts shall use listed fitting per NEC 312.2, 314.15.
9. Raceways sealed per NEC 225.27, 230.8, and 300.7(A).
10. Service conductors sized and terminated correctly per NEC 110.14(D), 310.12, 310.15.
11. Torque values indicated by markings per NEC 110.14 (D).
12. Emergency disconnect labeled per NEC 230.85.
13. Seal unused openings with KO seals suitable for location per NEC 110.12(A), 312.2, 314.15.
14. Work is installed in a neat and workmanlike manner per NEC 110.12.

Grounding and Bonding:

1. Grounding electrode installed per NEC 250.50.
2. Grounding electrode conductor installed per NEC 250.62-70.
(Consult with local utility if connected to meter of first means of disconnect).
3. Supplemental electrode installed per NEC 250.53 (A)(2).
4. All grounding electrodes that are installed are bonded together per NEC 250.50.
5. Intersystem bonding termination device installed per NEC 250.94 (A).

Panels: Dead front to be on for inspection, secured with 2 screws.

1. Surge Protection device installed per NEC 230.67.
2. Panel and subpanels directory labeled per NEC 408.4(A) for breakers that are installed.
3. GFCI protection installed on branch circuits, at device or breaker, as required by NEC 210.8(A). If wiring and devices are installed.
4. AFCI protection installed on all branch circuits as required by NEC 210.12. If devices are installed.
5. Work is installed in a neat and workmanlike manner per NEC 110.12.

Exterior:

1. A 911 address is required to be posted on the structure by the utility company.
2. All conductors on the exterior of the structure are required to be installed or made safe using temporary boxes and covers. There is no height exception for this.
3. Outlets requiring weatherproof protection are required to be installed per NEC 406.9(A) & (B).

Interior:

1. -terminated conductors shall be made safe using temporary boxes and covers, or wire nuts. There is no height exception for this.
2. **IF DEVICES ARE INSTALLED**
 - a. Receptacle covers are required to be installed per NEC 406.6.
Exception; If the unit is being painted or tile is being installed.
 - b. Receptacles requiring GFCI protection must have that protection at the device or breaker NEC 210.8.
 - c. Receptacles requiring AFCI protection must have that protection at the breaker per NEC 210.12.

This guide stresses the electrical system shall be as complete as possible so that when energized the structure will be as safe to operate as it would be once the system is 100% complete.

Upon an "Approved" result, county staff will notify the appropriate utility that the structure is ready to be energized. The building department has no oversight of the utility installation schedule. The utility will not energize if there are any notes or deficiencies listed on the inspection.

A "Failed" or "Failed w/ fee" result will be entered if any of the above items are deficient. Corrections will need to be made and fees paid before another inspection is scheduled.

If you feel you have a situation where you will not be able to comply with this guide, please contact the Assistant Building Official to discuss a plan for alternate compliance.4

Questions and clarifications

Following are questions asked to the Building official and the answers provided constitute policy of ACBD.

Q. Does a structure need to be lockable for inspection?

A. No, since the electrical system is intrinsically safe the structure is not required to be completely lockable.

Q. Do roads need to be competed for a semi perm?

A. Not specifically, there must be clear access for the utility and emergency services, but a paved road is not required.

Q. How long does it take from the inspection being passed until a meter is installed?

A. That is out of our control. Typically our staff reports the results to the utility within 24-48 hours, beyond that depends on the utility and their workload.