



News from the Electrical Inspection Division

October 1, 2008

We are now in the 2008 NEC code for any permits pulled after Building AP# 122841 and Electrical AP# 122857.

SE cable and Tamper Resistant Receptacles are now in effect as of July 3, 2008.

Permit issued after numbers – Building #125442, Electrical #125420.

Code Questions and Concerns:

Grandfathering: 250.94 Exc: In existing buildings or structures where any of the intersystem bonding and grounding conductors required by 700.93, 800.100(b), 810.21(f), 820.100(b), 830.100(B) exist, installation of the intersystem bonding termination is not required. An accessible means external to enclosures for connecting intersystem bonding and grounding electrode conductors shall be permitted at the service equipment and at the disconnecting means for any building or structure by at least one of the following means:

- (1) Exposed nonflexible metallic raceways.
- (2) An exposed grounding electrode conductor.
- (3) Approved means for the external connection of a copper or other corrosion-resistant bonding or grounding conductor to the grounded raceway or equipment.

Grandfathering: 338.10(b) 4 Where the installation of SE cable was installed between January 2002 and June 2008, existing SE cable will be rated in the 75 degree Celsius column. This was the only time that SE cable was permitted to be calculated in this column. Concerning HVAC units, if the installation is new or sized differently, or installed incorrectly, or without permits Grandfathering will not be accepted.

Grandfathering: 406.11 Tamperproof receptacles, replacements installed per 406.3(d) will not be required to be Tamperproof type receptacles.

Please send any questions or comments to marklt@cityofws.org enter *CODE QUESTIONS* under subject.

We would like to hear from you.

Thanks,

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*****NOTICE*****

The Winston-Salem Forsyth County Inspections Division will be sponsoring a seminar for Energy Efficient Building Solutions on October 23, 2008 from 1:00 – 5:00 pm at the Ramada Inn, Clemmons, NC. The seminar is being presented by Mathis Consulting Company based in Asheville, NC.

If you are interested in attending, please contact Dan Dockery, Winston-Salem Forsyth County Inspections at 727-2084 or 462-7472. We look forward in hearing from you.