

Mechanical News

November 2014

Makeup air requirements have changed for single family dwellings. See the following section.

2012 NC Mechanical Code

505.2 Makeup air required. (131210 Item B-6)

505.2 Makeup air required. Exhaust hood systems capable of exhausting in excess of 400 cubic feet per minute (0.19 m³/s) shall be provided with makeup air at a rate approximately equal to the exhaust air rate **that is in excess of 400 cubic feet per minute** (0.19 m³/s). Such makeup air systems shall be equipped with a means of closure and shall be automatically controlled to start and operate simultaneously with the exhaust system.

Exception: Where all appliances in the house are direct-vent, power-vent, unvented, or electric, makeup air shall be provided where exhaust fans are capable of exhausting more than 600 cubic feet per minute (0.28 m³/s). Exhaust hood systems capable of exhausting more than 600 cubic feet per minute shall be provided with makeup air at a rate approximately equal to the exhaust air rate **that is in excess of 600 cubic feet per minute.**

Question : Can I put a test on my new gas line back to the connection

Questions from contractors

point with a cutoff on a existing gas line ?

Answer : No. Section **406.1.4 NCFGC** Prohibits using a cutoff as a bulkhead between gas and the test medium unless two valves are installed with a valved telltale. See the following code section.

406.1.4 Section testing. A piping system shall be permitted to be tested as a complete unit or in sections. Under no circumstances shall a valve in a line be used as a bulkhead between gas in one section of the piping system and test medium in an adjacent section, unless two valves are installed in series with a valved “telltale” located between these valves. A valve shall not be subjected to the test pressure unless it can be determined that the valve, including the valve-closing mechanism, is designed to safely with stand the test pressure.

Question : Will the inspections department accept a letter from a manufacture for the installation of a piece of equipment that does not comply with the manufactures installation instructions ?

Answer : No. The equipment must be installed in accordance with the manufactures installation instructions **and the terms of its listing.** See the following code section.

NCFGC

305.1 General. Equipment and appliances shall be installed as required by the terms of their approval, in accordance with the conditions of listing, the manufacturer’s instructions and this code. Manufacturers’ installation instructions shall be available on the job site at the time of inspection. Where a code provision is less restrictive than the conditions of the listing of the equipment or appliance or the manufacturer’s installation instructions, the conditions of the listing and the manufacturer’s installation instructions shall apply.

Five / Eleven Month Letters

Our office generates Five and Eleven month letters on permits that are about to expire; a copy of these letters are mailed to your address by USPS. A copy of this letter is also provided to the inspector in that assigned area and the inspector will call the contractor to check the status of the job. If your permit gets placed in stop work status after we have used our resources to keep you informed of your permit status then you will be required to purchase another permit for the work being done. All permits are public record this means anyone has the right to review your permits. When a complaint is filed with the State Board of Examiners of Plumbing, Heating & Fire Sprinkler Contractors, permit records for that contractor are one of the first things they ask us to provide. Please check your records for open/ stop work permits and keep them current. If you need help or would like to discuss this please contact me.

State Board of Examiners of Plumbing, Heating & Fire Sprinkler Contractors.

21 NCAC 50 .0402 PERMITS

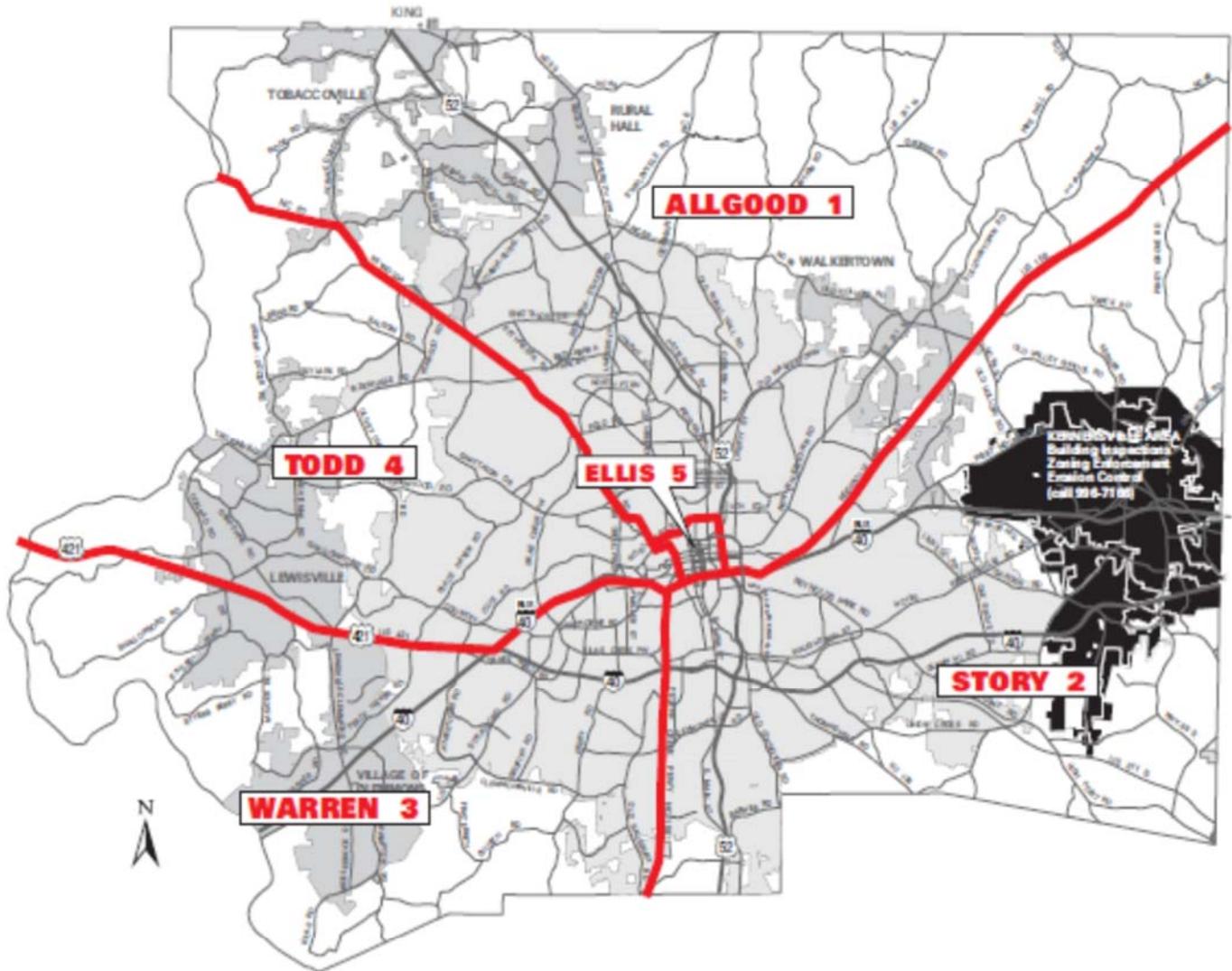
(a) A licensed contractor shall ensure that a permit is obtained from the local Code Enforcement official before commencing any work for which a license is required by the Board, except as set out in Paragraph (c) of this Rule. The contractor shall also ensure that a request for final inspection of the work for which a license is required is made by himself, the general contractor or the owner within 10 days of the earlier of the system being made operational or placed in service, absent agreement with the owner and the local Code Enforcement official. Absent agreement with the local Code Enforcement official the licensee is not relieved by the Board of responsibility to arrange inspection until a certificate of compliance or the equivalent is obtained from the local code enforcement official or the licensee has clear and convincing evidence of his effort to obtain same.

(b) A licensed contractor shall not allow a permit to be obtained or his license number to appear upon a permit except for work which he or his employees perform, over which he or a properly licensed technician will provide general supervision until the completion of the work for which he holds an executed contract with the licensed general contractor or property owner and for which he receives all contractual payments.

Contact information

If you have an occupied dwelling that needs an inspection, please leave us the contact information on the permit and let the owners or tenants know that we will be contacting them to make arrangements to gain access to perform your inspection . Please Do not tell them when we will be there to do the inspection . You can let them know that you have your inspection scheduled and that we will contact them.

**If you wish to have your questions included in our monthly newsletter, Please send to
alexe@cityofws.org Alex Ellis Senior Mechanical Inspector 336-727-2382**



Mechanical/Heating Inspector's Work Areas

MECH. / HEATING INSPECTORS	Work Area	Office Phone	Mobile
Alex Ellis (Supr.)	5	727-2382	462-7501
Troy Allgood	1	747-7431	462-7489
Jim Story	2	748-3098	462-7498
Wade Warren	3	734-1394	462-7502
Shawn Todd	4	727-2387	462-7499



JUNE 2014