



Robert D. LiMandri
Commissioner

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MEMORANDUM

TO: Executive Staff
FROM: Deborah Glikin 
Assistant General Counsel
DATE: July 30, 2009
RE: Rule 101-02 Dryer-Boiler Installation

_____ FOR YOUR REVIEW AND COMMENTS

X FOR YOUR INFORMATION/FILES

_____ ANSWER DIRECTLY, COPY TO ME

_____ PREPARE RESPONSE

_____ FOR MY SIGNATURE

_____ FOR YOUR SIGNATURE

_____ HANDLE

_____ SEE ME

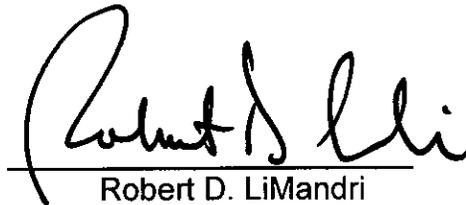
_____ RESPOND BY

X OTHER: The attached rule will be published in the City Record on 08/05/09. The rule will be final 30 days after publication on September 4, 2009.

NOTICE OF ADOPTION OF RULE

NOTICE IS HEREBY GIVEN, pursuant to the authority vested in the Commissioner of the Department of Buildings by Section 643 of the New York City Charter and in accordance with Section 1043 of the Charter, that the Department of Buildings hereby adopts the amendments to subdivision a of section 101-02 of Title 1 of the Official Compilation of the Rules of the City of New York, regarding submission of construction documents

This rule was first published on April 20, 2009 and a public hearing thereon was held on May 20, 2009. This rule shall take effect 30 days from the date hereof.



Dated: July 29, 2009
New York, New York

Robert D. LiMandri
Commissioner

Subdivision a and paragraph 1 of subdivision a of Section 101-02 of Chapter 100 of title 1 of the Rules of the City of New York are amended to read as follows:

(a) Pursuant to section [28-104.6.4] 28-104.6, Exception 4, of the administrative code, the commissioner is authorized to allow persons other than registered design professionals to be the applicant for the approval of construction documents. Pursuant to section 28-104.7.12 of the administrative code, the commissioner is authorized to waive the submission of any of the required construction documents and other data if review of such documents is not necessary to ascertain compliance with this code or not required for the phase of work for which a permit is sought. Notwithstanding the following provisions, the commissioner reserves the right to require the filing of narratives or sketches showing compliance with the provisions of this code for the categories of work described below.

(1) Selected plumbing work. In connection with the filing of applications for construction document approval, the applicant need not be a registered design professional and required plans need not be submitted for [temporary] the following types of plumbing applications:

(i) Temporary exhibits. Temporary exhibits defined for purposes of this rule as plumbing for temporary installations used for exhibition purposes when not designed for sanitary use and not directly connected to a sewerage, water supply, or water distribution system.

(ii) Domestic gas dryers in residential occupancies. Domestic gas dryers in residential occupancies that are vented directly through an exterior wall and that comply with items A through I, below:

(A) Licensed Master Plumber required. The installation application shall be filed by a Licensed Master Plumber (LMP) as a Limited Alteration Application (LAA1).

(B) Limitation to R-3 occupancies. The installation shall be limited to a one- or two-family residence, three stories or fewer in height.

(C) Testing and installation of gas dryers. The gas dryers shall comply with the reference standards in Section FGC 613 and the installation shall comply with the manufacturer's instructions including any special vent pipe material for relatively low flue gas temperatures as recommended by the manufacturer.

(D) Wall penetration. The vent and combustion air wall penetration shall be limited to a single penetration of four inches in diameter or one opening that is a maximum of four inches square. The entire exhaust system shall be supported and secured in place.

(E) Dryer duct. The maximum length of a clothes dryer duct shall not exceed 25 feet from dryer location to the outlet terminal. Deductions for bends must be accounted for as outlined in Sections MC 504.6.1 and FGC 614.6.1.

(F) Sketches required. The LMP shall submit detailed sketches of the piping installation and wall penetration. (See Figure 1 below).

(G) Vent termination. The location of the vent termination shall comply with Section FGC 614.4, the manufacturer's specifications, and the following:

1. Vent termination shall not be located at lot line walls or within three feet of lot lines;
2. The front, side or rear wall vent terminations shall be free of obstructions;
3. The vent opening shall not be located or constructed so as to create a fire or health hazard;

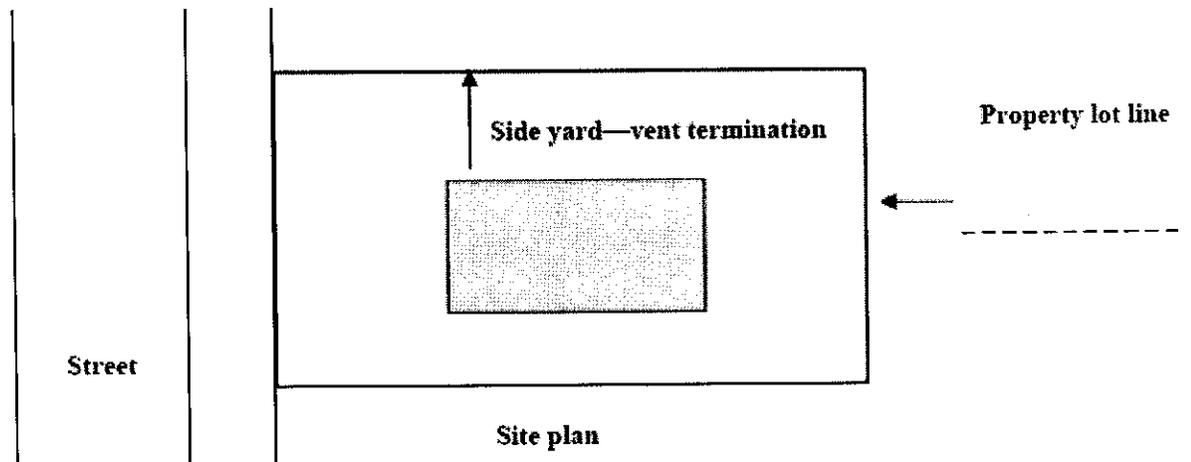
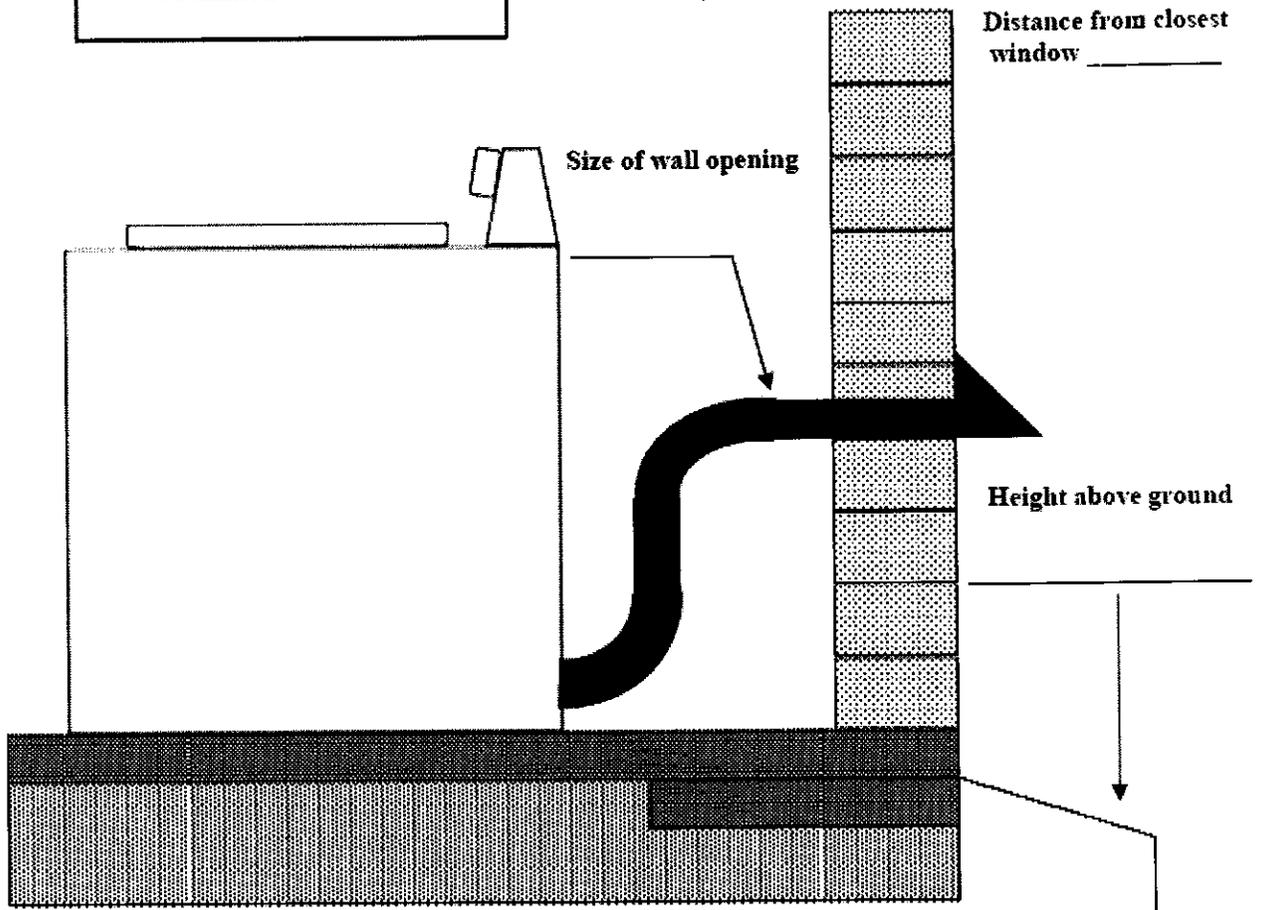
4. The LMP shall ensure that the building's structural integrity is not compromised due to the wall penetration opening. Openings shall be located so as to avoid cutting into studs, joists, or any other structural member;
5. Clearance from regional snow line. The vent shall be a minimum of three feet above the adjacent grade; and
6. Vent termination shall be thermally sealed in accordance with section 402.4 of the Energy Conservation Construction Code of New York State (ECCCNYS).

(H) Inspection. A gas roughing-in, gas test and gas finish inspection by the Department of Buildings or self certification shall be required on new installations. When filing for existing dryers that vent through the outer wall, only a finish inspection is required when filed on an LAA1 form.

(I) Gas authorization. Upon successful inspections, the LMP shall request gas authorization and an LAA1 sign-off.

Domestic Gas Dryer Installation

Figure 1-sample sketch to be submitted with LAA-1



(iii) In-kind replacement of gas-fired boilers, hot water heaters and furnaces. In-kind replacement of gas-fired boilers, hot water heaters and furnaces that are vented directly through exterior walls, and comply with items A through I, below:

(A) Licensed Master Plumber required. The installation application shall be filed by a Licensed Master Plumber (LMP) as a Limited Alteration Application (LAA1).

(B) Limitation to R-3 occupancies. The installation shall be limited to a one- or two-family residence, three stories or fewer in height.

(C) Testing and installation of gas-fired boiler, hot water heater or furnace. The gas-fired boiler, hot water heater or furnace shall be tested in accordance with Section FGC 631.1 and the installation shall comply with the manufacturer's instructions, including any special vent pipe material for relatively low flue gas temperatures

(D) Efficiency and input capacity. The boiler, heater, or furnace must have a minimum efficiency of 85% or as required by the ECCCNY, whichever is greater, and an input capacity of 350,000 Btu/hr or less.

(E) Wall penetration. The vent and combustion air wall penetration shall be limited to a single penetration of six inches in diameter or one opening that is a maximum of six inches square. The Department may permit two separate penetrations of four inches in diameter, provided the LMP performing the work certifies in the job description of the LAA1 that no adapter is available from the manufacturer for the given equipment and provides valid manufacturer's contact information for verification of the unavailability of adapters.

(F) Sketches required. The LMP shall submit a detailed sketch of the piping installation and wall penetration. (See Figure 2 below).

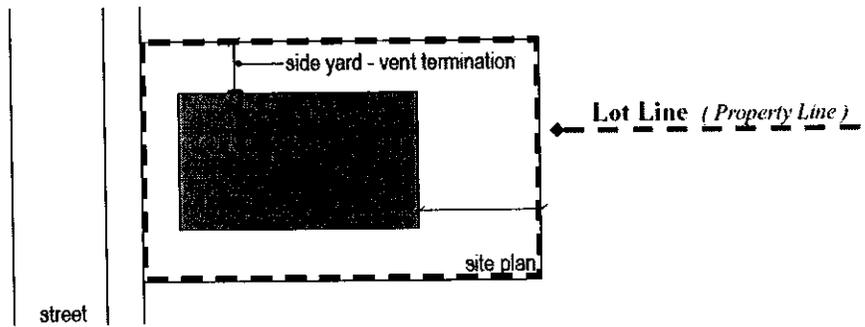
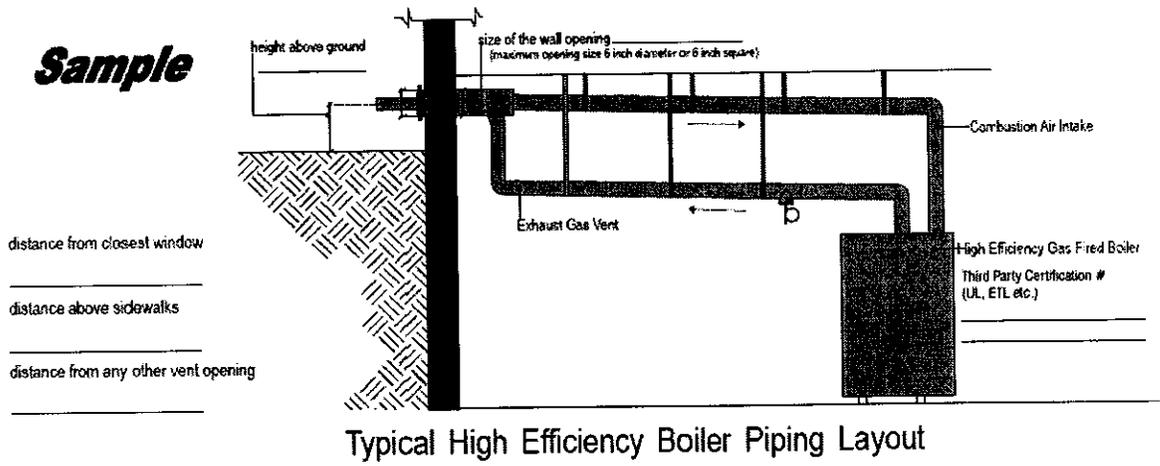
(G) Vent termination. The location of the vent termination shall comply with ANSI Z21.13, the manufacturer's specifications, and the following:

1. Vent termination shall not be located at lot line walls or within three feet of lot lines;

2. The front, side or rear wall vent terminations shall be free of obstructions;
3. The vent opening shall not be located or constructed so as to create a fire or health hazard;
4. The LMP shall ensure that the building's structural integrity is not compromised due to the wall penetration opening. Openings shall be located so as to avoid cutting into studs, joists, or any other structural member;
5. Clearance from regional snow line. The vent shall be a minimum of three feet above the adjacent grade; and
6. Vent termination shall be thermally sealed in accordance with ECCCNYS section 402.4

(H) Inspection. A gas roughing-in, gas test and gas finish inspection by the Department of Buildings shall be required. Self certification shall not be permitted.

(I) Gas authorization. Upon successful inspections, the LMP shall request gas authorization and an LAA1 sign-off.



Sample

SAMPLE DIAGRAM FOR ILLUSTRATIVE PURPOSES ONLY. ACTUAL SITE CONDITIONS SHALL BE INDICATED BY LMP RESPONSIBLE FOR FILING.

Figure 2 – Sample sketch to be submitted with LAA1

STATEMENT OF BASIS AND PURPOSE

This rule is proposed pursuant to the authority of the Commissioner of Buildings under Sections 643 and 1043 of the New York City Charter.

Effective April 18, 2009, section 100-02 was renumbered 101-02. This rule amends section 101-02 to implement the provisions of Exception 4 of Section 28-104.6 of the New York City Administrative Code that authorize the Department to permit the applicant to be an individual other than a registered design professional for certain categories of work enumerated by rule. Section 28-104.7.12 authorizes the commissioner to waive the submission of construction documents. This rule provides that sketches, rather than plans, are required to be submitted by a Licensed Master Plumber for the installation of domestic gas dryers and for in-kind replacement of gas-fired boilers, hot water heaters and furnaces in residential occupancies provided such equipment is vented directly through an exterior wall.

This rule amendment facilitates the filing of an application for domestic gas dryers, boilers, hot water heaters and furnaces, thus encouraging homeowners to replace their existing, possibly less efficient boilers, hot water heaters or furnances with energy saving, high efficiency units.