



## CONSTRUCTION CODES UPDATE PAGES

Attached are Construction Codes Update Pages. These pages reflect local laws enacted and ministerial administrative corrections made after July 1, 2008. Please note that the source of a particular update, the local law number, and year is indicated on each page. Please visit our [webpage](#) to ensure that your codes are complete and up to date as the City Council may periodically pass Local Laws that affect the Construction Codes.

### **Instructions:**

Please place each page, according to its page number found on the bottom right hand corner, into your Construction Codes books. The pages contain letters after the page number and should be placed in alphabetical order following the number, i.e. 5, 6, 6a, 6b, etc.

- Place Title Pages in the front of your Code books for easy reference.
- Note: If you have all four Construction Codes (Building, Mechanical, Plumbing & Fuel Gas), please make sure to insert updates made to the Administrative Provisions into each of the four Code books.

# CONSTRUCTION CODES UPDATE PAGES

## UPDATE # 34

Source: Local Law 85 of 2009, effective July 1, 2010.

This update includes the following pages:

<b>GENERAL ADMINISTRATIVE PROVISIONS (PRECEDING THE BUILDING, FUEL GAS, MECHANICAL AND PLUMBING CODES)</b>	
<b><u>Section</u></b>	<b><u>Page Number</u></b>
28-101.1	A-2b
*28-101.4.3	A-2c
28-104.7.9	A-12d
28-104.8.1	A-12e
28-1001.1 - 28-1001.3.2	A-87 – A-95

*\*Note: Local Law 75 of 2009, effective January 1, 2010 (Construction Codes Update # 31) added a new Item 8 to Section 28-101.4.3. This update adds a separate Item 8 to Section 28-101.4.3. Such numbering discrepancy will be reconciled through future legislation.*

<b>BUILDING CODE</b>	
<b><u>Section</u></b>	<b><u>Page Number</u></b>
101.4.6	2b
106.6	4a
106.13	6a
1301.1.1	278a

# CONSTRUCTION CODES UPDATE PAGES

## UPDATE # 34

Source: Local Law 85 of 2009, effective July 1, 2010.

This update includes the following pages:

<b>PLUMBING CODE</b>	
<b><u>Section</u></b>	<b><u>Page Number</u></b>
106.10	4a
313.1	18a
607.2	42a
607.2.1	42b

<b>FUEL GAS CODE</b>	
<b><u>Section</u></b>	<b><u>Page Number</u></b>
106.8	4a
301.2	14a
605.3	80a

<b>MECHANICAL CODE</b>	
<b><u>Section</u></b>	<b><u>Page Number</u></b>
106.10	4a
202	14a
301.2	16a
303.3	16b
312.1	22a
514.1	52a
603.9	56a
604.1	56b
903.5	78a
905.4	78b
1204.1	104a
1204.2	104b

## CONSTRUCTION CODES UPDATE PAGE

Matter in plain text is unchanged. Matter underlined is new. Matter ~~stricken through~~ is deleted.

**Source:** Local Law 85 of 2009, effective July 1, 2010.

**GENERAL ADMINISTRATIVE PROVISIONS**

*Insert between pages A-2a and A-3 of your bound volumes of the NYC Building Code, NYC Plumbing Code, NYC Mechanical Code and NYC Fuel Gas Code.*

Amend section 28-101.1 to read as follows:

**28-101.1 Title.** The provisions of this chapter shall apply to the administration of the codes set forth in this title and the 1968 building code. The codes set forth in this title shall be known and may be cited as the "New York city construction codes" and shall consist of:

The New York city plumbing code.

The New York city building code.

The New York city mechanical code.

The New York city fuel gas code.

The New York city energy conservation code.

## CONSTRUCTION CODES UPDATE PAGE

Matter in plain text is unchanged. Matter underlined is new. Matter ~~stricken through~~ is deleted.

**Source:** Local Law 85 of 2009, effective July 1, 2010.

**GENERAL ADMINISTRATIVE PROVISIONS**

*Insert between pages A-2b and A-3 of your bound volumes of the NYC Building Code, NYC Plumbing Code, NYC Mechanical Code and NYC Fuel Gas Code.*

Add the following new item to section 28-101.4.3 to read as follows:

8. All work related to energy efficiency shall be regulated by the New York city energy conservation code.

*\*Note: Local Law 75 of 2009, effective January 1, 2010 (Construction Codes Update # 31) added a new Item 8 to Section 28-101.4.3. This update adds a separate Item 8 to Section 28-101.4.3. Such numbering discrepancy will be reconciled through future legislation.*

## CONSTRUCTION CODES UPDATE PAGE

Matter in plain text is unchanged. Matter underlined is new. Matter ~~stricken through~~ is deleted.

**Source:** Local Law 85 of 2009, effective July 1, 2010.

**GENERAL ADMINISTRATIVE PROVISIONS**

*Insert between pages A-12c and A-13 of your bound volumes of the NYC Building Code, NYC Plumbing Code, NYC Mechanical Code and NYC Fuel Gas Code.*

Amend section 28-104.7.9 to read as follows:

**28-104.7.9 Energy conservation ~~construction~~ code.** The application shall contain all information required to demonstrate compliance with the ~~energy conservation construction code of New York state~~ New York city energy conservation code. This information shall include signed and sealed construction drawings to the extent that they demonstrate such energy code compliance in the energy analysis or the supporting documentation as required by such energy code and rules.

**CONSTRUCTION CODES UPDATE PAGE**

Matter in plain text is unchanged. Matter underlined is new. Matter ~~stricken through~~ is deleted.

**Source:** Local Law 85 of 2009, effective July 1, 2010.

**GENERAL ADMINISTRATIVE PROVISIONS**

*Insert between pages A-12d and A-13 of your bound volumes of the NYC Building Code, NYC Plumbing Code, NYC Mechanical Code and NYC Fuel Gas Code.*

Amend the following item of section 28-104.8.1 to read as follows:

4. A statement certifying compliance with the ~~energy conservation construction code of New York state~~ New York city energy conservation code.

## CONSTRUCTION CODES UPDATE PAGE

Matter in plain text is unchanged. Matter underlined is new. Matter ~~stricken through~~ is deleted.

**Source:** Local Law 85 of 2009, effective July 1, 2010.

## GENERAL ADMINISTRATIVE PROVISIONS

*Insert after page A-86 in your bound volumes of the NYC Building Code, NYC Plumbing Code, NYC Mechanical Code and NYC Fuel Gas Code.*

Add the following new items as follows:

### CHAPTER 10

#### THE NEW YORK CITY ENERGY CONSERVATION CODE

#### ARTICLE 1001

#### ENACTMENT AND UPDATE OF THE NEW YORK CITY ENERGY CONSERVATION CODE

**§28-1001.1 Adoption of the energy code.** In accordance with section 11-109 of the energy law that permits any municipality to promulgate a local energy conservation construction code, the city of New York hereby adopts the 2007 energy conservation construction code of New York state in effect and any amendments thereto that are more stringent than such code adopted by the city of New York as the minimum requirements for the design, construction and alteration of buildings for the effective use of energy in the city. Such adoption shall be subject to amendments pursuant to local law and set forth in section 1001.2 of this chapter, which shall be known and cited as the "New York city amendments to the 2007 energy conservation construction code of New York state." Such edition of the 2007 energy conservation construction code of New York state with such New York city amendments shall together be known and cited as the "New York city energy conservation code."



## CONSTRUCTION CODES UPDATE PAGE

Matter in plain text is unchanged. Matter underlined is new. Matter ~~stricken through~~ is deleted.

Source: Local Law 85 of 2009, effective July 1, 2010.

**§28-1001.2 The New York city amendments to the 2007 energy conservation**

**construction code of New York state.** The following New York city amendments to the 2007 energy conservation construction code of New York state are hereby adopted as set forth in this section:

**Section 101.1**

Section 101.1 is revised to read as follows:

**101.1 Title.** These provisions shall be known and cited as the *"New York City Energy Conservation Code," "NYCECC" or "ECC."* It is referred to herein as *"this code."*

All section numbers in this code shall be deemed to be preceded by the designation "ECC."

**Section 101.2**

Section 101.2, including subsections, is deleted in its entirety and a new section 101.2 is added to read as follows:

**101.2 Scope.** This code applies to residential and commercial buildings as defined herein.

1. Where reference is made within this code to codes referenced in the *Uniform Fire Prevention and Building Code of New York State* or to the *Residential Code of New York State*, the reference shall be deemed to be to the analogous provision of the *New York City Construction Codes*, the 1968 building code of the city of New York, the *New York City Fire Code* and the *New York City Electrical Code*.

## CONSTRUCTION CODES UPDATE PAGE

Matter in plain text is unchanged. Matter underlined is new. Matter ~~stricken through~~ is deleted.

**Source:** Local Law 85 of 2009, effective July 1, 2010.

2. Where reference is made within this code to the *New York City Building Code*, the reference shall be deemed to be to the analogous provision of the *New York City Construction Codes*, the 1968 building code of the city of New York, the *New York City Fire Code* and the *New York City Electrical Code*.

**Section 101.4.3**

Section 101.4.3 is revised to read as follows:

**101.4.3 Historic buildings.** The following exceptions shall apply:

1. Any building or structure that is listed in the State or National Register of Historic Places; designated as an historic property under state designation law or survey; certified as a contributing resource within a National Register listed historic district; or with an opinion or certification that the property is eligible to be listed on the National or State Registers of Historic Places, either individually or as a contributing building to a historic district by the State Historic Preservation Officer or the Keeper of the National Register of Historic Places, is exempt from this code.

2. Any building or structure that is designated by the Landmarks Preservation Commission, either as an individual landmark or as within an historic district and is not listed, designated or certified as provided in subdivision one of this section; or that is calendared by the Landmarks Preservation Commission for consideration as an individual landmark or part of an historic district and is not certified to be eligible to be listed as provided in subdivision one of this section, is exempt from the envelope and exterior lighting requirements of this code. Any interior that is

## CONSTRUCTION CODES UPDATE PAGE

Matter in plain text is unchanged. Matter underlined is new. Matter ~~stricken through~~ is deleted.

**Source:** Local Law 85 of 2009, effective July 1, 2010.

designated as a New York city landmark and is not listed, designated or certified as provided in subdivision one of this section; or that is calendared for consideration by the Landmarks Preservation Commission for designation as an interior landmark and is not certified to be eligible to be listed as provided in subdivision one of this subsection, is exempt from this code.

**Section 101.4.4**

Section 101.4.4, including subsections, is deleted in its entirety and a new section 101.4.4 is added to read as follows:

**101.4.4 Additions, alterations, renovations and repairs.** Additions, alterations, renovations and repairs to an existing building, building system or portion thereof shall conform to the provisions of this code as such provisions relate to new construction without requiring the unaltered portion(s) of the existing building or building system to comply with this code. Additions, alterations, renovations or repairs shall not create an unsafe or hazardous condition or overload existing building systems.

**Exception:** The following need not comply with this code, provided the energy use of the building is not increased:

1. Storm windows installed over existing fenestration.
2. Glass only replacements in an existing sash and frame.
3. Existing ceiling, wall or floor cavities exposed during construction provided that these cavities are filled with insulation.

## CONSTRUCTION CODES UPDATE PAGE

Matter in plain text is unchanged. Matter underlined is new. Matter ~~stricken through~~ is deleted.

**Source:** Local Law 85 of 2009, effective July 1, 2010.

4. Construction where the existing roof, wall or floor cavity is not exposed.

**Section 101.5.1**

Section 101.5.1 is deleted in its entirety and a new section 101.5.1 is added to read as follows:

**101.5.1 Demonstration of compliance.** The following documentation, as further described in rules promulgated by the department, shall be required to demonstrate compliance with this code for any building application or applications related to a project required to be submitted to the department:

**101.5.1.1 Professional statement.** Any registered design professional or lead energy professional filing such application or applications shall provide, sign and seal the following statement: "To the best of my knowledge, belief and professional judgment, these plans and specifications are in compliance with the *New York City Energy Conservation Code*."

**101.5.1.2 Energy analysis.** For any project, an energy analysis comprising a sheet or sheets within the drawing set of the initial application for the project shall be provided. The energy analysis shall demonstrate how the project design complies with this code.

1. For any new building project, such analysis shall include the envelope, mechanical, service water heating, and lighting and power systems in

## CONSTRUCTION CODES UPDATE PAGE

Matter in plain text is unchanged. Matter underlined is new. Matter ~~stricken through~~ is deleted.

**Source:** Local Law 85 of 2009, effective July 1, 2010.

accordance with this code, regardless of how the project may be broken down into separate jobs for filing or other purposes.

2. For any building alteration project or addition, such analysis shall compare the proposed design to prescriptive requirements of this code, except where alternate methods are provided in rules promulgated by the department.

Exception: An energy analysis shall not be required for work not required to have a permit as provided pursuant to section 28-105.4 of the *Administrative Code*.

**101.5.1.3 Supporting documentation.** Supporting documentation, which is the approved construction drawings for a project, shall demonstrate conformance of such approved drawings with the energy analysis for every element of the energy analysis. In addition, it shall demonstrate conformance with other mandatory requirements of this code, including but not limited to mechanical and lighting system controls.

Exception: Supporting documentation shall not be required for work not required to have a permit as provided pursuant to section 28-105.4 of the *Administrative Code*.

**Section 101.5.2.3**

Section 101.5.2.3 - Delete section.

**Section 105.1**

A new subsection 105.1.2 is added to read as follows:

## CONSTRUCTION CODES UPDATE PAGE

Matter in plain text is unchanged. Matter underlined is new. Matter ~~stricken through~~ is deleted.

**Source:** Local Law 85 of 2009, effective July 1, 2010.

**105.1.2 Reconciliation with *Energy Conservation Construction Code of***

*New York State*. Whenever any provision of the *Energy Conservation Construction Code of New York State* provides for a more stringent requirement than imposed by this code, the more stringent requirement shall govern.

**Section 202****General Definitions**

Revise the definition of "Addition" after the definition of "Accessible," to read as follows:

**ADDITION.** An extension or increase in the conditioned space floor area or height of a building or structure.

Delete the definition of "Agricultural buildings" after the definition of "Addition" in its entirety.

Add a new definition of "Alteration" before the definition of "Approved," to read as follows:

**ALTERATION.** Any construction or renovation to an existing structure other than repair or addition that requires a permit. Also, a change in a mechanical system that involves an extension, addition or change to the arrangement, type or purpose of the original installation that requires a permit.

Revise the definition of "Approved" before the definition of "Automatic," to read as follows:

## CONSTRUCTION CODES UPDATE PAGE

Matter in plain text is unchanged. Matter underlined is new. Matter ~~stricken through~~ is deleted.

**Source:** Local Law 85 of 2009, effective July 1, 2010.

**APPROVED.** Approved shall have the meaning as such term is defined in section 28-101.5 of the *Administrative Code*.

Add a new definition of "Project" before the definition of "Proposed design," to read as follows:

**PROJECT.** A design and construction undertaking comprised of work related to one or more buildings and the site improvements. A project is represented by one or more plan/work applications, including construction documents compiled in accordance with Section 106 of the New York City Building Code, that relate either to the construction of a new building or buildings or to the demolition or alteration of an existing building or buildings. Applications for a project may have different registered design professionals and different job numbers, and may result in the issuance of one or more permits.

Delete the definition of "Substantial Alteration" in its entirety.

Revise the definition of "System or Subsystem," to read as follows:

**SYSTEM.** A building assembly made up of various components that serve a specific function including but not limited to exterior walls, windows, doors, roofs, ceilings, floors, lighting, piping, ductwork, insulation, HVAC system equipment or components, electrical appliances and plumbing appliances.

### **Chapter 10**

Chapter 10: Under ASHRAE, revise "\*90.1-2001" to "90.1-2004."

### **28-1001.3 Periodic update.**

## CONSTRUCTION CODES UPDATE PAGE

Matter in plain text is unchanged. Matter underlined is new. Matter ~~stricken through~~ is deleted.

**Source:** Local Law 85 of 2009, effective July 1, 2010.

**28-1001.3.1 Periodic update.** The commissioner shall submit to the city council proposed amendments that he or she determines should be made to this code to bring it up to date with or exceed the latest edition of the energy conservation construction code of New York state. The commissioner shall, at a minimum, submit such proposed amendments (i) following any revision of the energy conservation construction code of New York state that establishes more stringent requirements than those imposed by this code and (ii) no later than the end of the third year after the effective date of this section and every third year thereafter. Prior to such submission, such proposed amendments shall be submitted to an advisory committee established by the commissioner pursuant to section 28-1003.2 for review and comment.

**28-1001.3.2 New York city energy advisory committee.** The commissioner shall establish a New York city energy conservation code advisory committee to provide advice and recommendations regarding such code and revisions thereto. Such committee shall include registered design professionals knowledgeable in energy efficiency, energy conservation, building design and construction; environmental advocates with expertise in energy efficiency and conservation; construction and real estate professionals; and representatives of appropriate labor organizations.



## CONSTRUCTION CODES UPDATE PAGE

Matter in plain text is unchanged. Matter underlined is new. Matter ~~stricken through~~ is deleted.  
**Source:** Local Law 85 of 2009, effective July 1, 2010.

**BUILDING CODE**

*Insert between pages 2a and 3 of your bound volume.*

Amend section 101.4.6 to read as follows:

**101.4.6 Energy.** The provisions of the ~~*Energy Conservation Construction Code of New York State*~~ *New York City Energy Conservation Code* shall apply to all matters governing the design and construction and alteration of buildings for energy efficiency.

## CONSTRUCTION CODES UPDATE PAGE

Matter in plain text is unchanged. Matter underlined is new. Matter ~~stricken through~~ is deleted.

**Source:** Local Law 85 of 2009, effective July 1, 2010.

## BUILDING CODE

*Insert between pages 4 and 5 of your bound volume.*

Amend section 106.6 to read as follows:

**106.6 Architectural plans.** Construction documents for all buildings shall provide detailed drawings of all architectural elements of the building showing compliance with the code, including but not limited to doors, windows and interior finish schedules, ~~and other~~ details necessary to substantiate all required fire protection characteristics, ~~as well as other~~ details demonstrating compliance with the New York City Energy Conservation Code and details demonstrating compliance with all ~~the~~ accessibility requirements of this code. Site safety features shall be shown where applicable. Plans shall also provide details of the exterior wall envelope as required, including but not limited to flashing, insulation, vapor retarder, intersections with dissimilar materials, corners, end details, control joints, intersections at roof, eaves or parapets, means of drainage, water-resistive membrane and details around openings.

**Exception:** Where a curtain wall system is to be employed containing elements that are normally detailed on shop or working drawings, approval of construction documents shall be conditioned upon deferred submittal of such shop or working drawings showing the approval of the registered design professional who prepared the architectural construction documents, or of a signed statement by such registered design professional that such drawings were prepared to his or her satisfaction. In such cases, submittal of construction documents showing compliance with the ~~Energy Conservation Construction Code of New York State~~ New York City Energy Conservation Code related to such curtain wall may also be deferred. Such deferred submittal of construction documents must demonstrate that the estimated annual energy use for the envelope in the energy analysis submitted as part of the initial filing is not exceeded.

## CONSTRUCTION CODES UPDATE PAGE

Matter in plain text is unchanged. Matter underlined is new. Matter ~~stricken through~~ is deleted.

Source: Local Law 85 of 2009, effective July 1, 2010.

## BUILDING CODE

*Insert between pages 6 and 7 of your bound volume.*

Amend section 106.13 to read as follows:

**106.13 Energy efficiency.** Construction documents shall include ~~a statement by the registered design professional of record that: "To the best of my knowledge, belief and professional judgment, these plans and specifications are in compliance with the *Energy Conservation Construction Code of New York State*."~~ In addition, the following requirements shall apply:

1. ~~A lead energy professional shall be identified for each project, who shall draw the relevant information regarding envelope, mechanical systems, service water heating system and lighting and power systems from construction documents into an energy analysis. The energy analysis shall balance total energy consumption of all systems in accordance with the *Energy Conservation Construction Code of New York State* and shall be signed and sealed by the lead energy professional.~~
2. ~~The format for the energy analysis shall be as established in the *Energy Conservation Construction Code of New York State*, or as approved by the department, and shall comprise a sheet within the drawing set. Supporting documentation shall be available within the drawing set or upon request of the department~~ compliance documentation as required by the *New York City Energy Conservation Code*.

## CONSTRUCTION CODES UPDATE PAGE

Matter in plain text is unchanged. Matter underlined is new. Matter ~~stricken through~~ is deleted.  
**Source:** Local Law 85 of 2009, effective July 1, 2010.

**BUILDING CODE**

*Insert between pages 278 and 279 of your bound volume.*

Amend section 1301.1.1 to read as follows:

**1301.1.1 Criteria.** Buildings shall be designed and constructed in accordance with the ~~*Energy Conservation Construction Code of New York State*~~ *New York City Energy Conservation Code*.

## CONSTRUCTION CODES UPDATE PAGE

Matter in plain text is unchanged. Matter underlined is new. Matter ~~stricken through~~ is deleted.

Source: Local Law 85 of 2009, effective July 1, 2010.

## PLUMBING CODE

*Insert between pages 4 and 5 of your bound volume.*

Amend section 106.10 to read as follows:

**106.10 Energy efficiency.** Construction documents shall include a ~~statement by the registered design professional of record that: "To the best of my knowledge, belief and professional judgment, these plans and specifications are in compliance with the *Energy Conservation Construction Code of New York State.*"~~ In addition, the following requirements shall apply:

1. ~~A lead energy professional shall be identified for each project, who shall draw the relevant information regarding envelope, mechanical systems, service water heating system and lighting and power systems from construction documents into an energy analysis. The energy analysis shall balance total energy consumption of all systems in accordance with the *Energy Conservation Construction Code of New York State* and shall be signed and sealed by the lead energy professional.~~
2. ~~The format for the energy analysis shall be as established in the *Energy Conservation Construction Code of New York State*, or as approved by the department, and shall comprise a sheet within the drawing set. Supporting documentation shall be available within the drawing set or upon request of the department~~ compliance documentation as required by the *New York City Energy Conservation Code.*

## CONSTRUCTION CODES UPDATE PAGE

Matter in plain text is unchanged. Matter underlined is new. Matter ~~stricken through~~ is deleted.  
**Source:** Local Law 85 of 2009, effective July 1, 2010.

**PLUMBING CODE**

*Insert between pages 18 and 19 of your bound volume.*

Amend section 313.1 to read as follows:

**313.1 General.** Equipment efficiencies shall be in accordance with the ~~*New York State Energy Conservation Construction Code*~~ *New York City Energy Conservation Code*.

## CONSTRUCTION CODES UPDATE PAGE

Matter in plain text is unchanged. Matter underlined is new. Matter ~~stricken through~~ is deleted.  
**Source:** Local Law 85 of 2009, effective July 1, 2010.

**PLUMBING CODE**

*Insert between pages 42 and 43 of your bound volume.*

Amend section 607.2 to read as follows:

**607.2 Hot water supply temperature maintenance.** Where the developed length of hot water piping from the source of hot water supply to the farthest fixture exceeds 20 feet (6096 mm), the hot water supply system shall be provided with a method of maintaining the temperature in accordance with the ~~*New York State Energy Conservation Construction Code*~~ *New York City Energy Conservation Code*.

## CONSTRUCTION CODES UPDATE PAGE

Matter in plain text is unchanged. Matter underlined is new. Matter ~~stricken through~~ is deleted.  
**Source:** Local Law 85 of 2009, effective July 1, 2010.

**PLUMBING CODE**

*Insert between pages 42a and 43 of your bound volume.*

Amend section 607.2.1 to read as follows:

**607.2.1 Piping insulation.** Circulating hot water system piping shall be insulated in accordance with the ~~New York State Energy Conservation Construction Code~~ New York City Energy Conservation Code.



## CONSTRUCTION CODES UPDATE PAGE

Matter in plain text is unchanged. Matter underlined is new. Matter ~~stricken through~~ is deleted.

Source: Local Law 85 of 2009, effective July 1, 2010.

## FUEL GAS CODE

*Insert between pages 4 and 5 of your bound volume.*

Amend section 106.8 to read as follows:

**106.8 Energy efficiency.** Construction documents shall include ~~a statement by the registered design professional of record that: "To the best of my knowledge, belief and professional judgment, these plans and specifications are in compliance with the *Energy Conservation Construction Code of New York State*."~~ In addition, the following requirements shall apply:

1. ~~A lead energy professional shall be identified for each project, who shall draw the relevant information regarding envelope, mechanical systems, service water heating system and lighting and power systems from construction documents into an energy analysis. The energy analysis shall balance total energy consumption of all systems in accordance with the *Energy Conservation Construction Code of New York State* and shall be signed and sealed by the lead energy professional.~~
2. ~~The format for the energy analysis shall be as established in the *Energy Conservation Construction Code of New York State*, or as approved by the department and shall comprise a sheet within the drawing set. Supporting documentation shall be available within the drawing set or upon request of the department~~ compliance documentation as required by the *New York City Energy Conservation Code*.

## CONSTRUCTION CODES UPDATE PAGE

Matter in plain text is unchanged. Matter underlined is new. Matter ~~stricken through~~ is deleted.  
**Source:** Local Law 85 of 2009, effective July 1, 2010.

**FUEL GAS CODE**

*Insert between pages 14 and 15 of your bound volume.*

Amend section 301.2 to read as follows:

**301.2 Energy utilization.** Heating, ventilating and air-conditioning systems of all structures shall be designed and installed for efficient utilization of energy in accordance with the ~~*Energy Conservation Construction Code of New York State*~~ *New York City Energy Conservation Code*.

## CONSTRUCTION CODES UPDATE PAGE

Matter in plain text is unchanged. Matter underlined is new. Matter ~~stricken through~~ is deleted.  
**Source:** Local Law 85 of 2009, effective July 1, 2010.

**FUEL GAS CODE**

*Insert between pages 80 and 81 of your bound volume.*

Amend section 605.3 to read as follows:

**605.3 Combustion air supply.** The requirements of the ~~*Energy Conservation Construction Code of New York State*~~ *New York City Energy Conservation Code* concerning combustion air supply shall be followed.

## CONSTRUCTION CODES UPDATE PAGE

Matter in plain text is unchanged. Matter underlined is new. Matter ~~stricken through~~ is deleted.

Source: Local Law 85 of 2009, effective July 1, 2010.

## MECHANICAL CODE

*Insert between pages 4 and 5 of your bound volume.*

Amend section 106.10 to read as follows:

**106.10 Energy efficiency.** Construction documents shall include a ~~statement by the registered design professional of record that: "To the best of my knowledge, belief and professional judgment, these plans and specifications are in compliance with the *Energy Conservation Construction Code of New York State*."~~ In addition, the following requirements shall apply:

- ~~1. A lead energy professional shall be identified for each project, who shall draw the relevant information regarding envelope, mechanical systems, service water heating system and lighting and power systems from construction documents into an energy analysis. The energy analysis shall balance total energy consumption of all systems in accordance with the *Energy Conservation Construction Code of New York State* and shall be signed and sealed by the lead energy professional.~~
- ~~2. The format for the energy analysis shall be as established in the *Energy Conservation Construction Code of New York State*, or as approved by the department, and shall comprise a sheet within the drawing set. Supporting documentation shall be available within the drawing set or upon request of the department compliance documentation as required by the *New York City Energy Conservation Code*.~~

## CONSTRUCTION CODES UPDATE PAGE

Matter in plain text is unchanged. Matter underlined is new. Matter ~~stricken through~~ is deleted.

**Source:** Local Law 85 of 2009, effective July 1, 2010.

**MECHANICAL CODE**

*Insert between pages 14 and 15 of your bound volume.*

Amend the following definition in section 202 to read as follows:

**UNUSUALLY TIGHT CONSTRUCTION.** Construction meeting all of the following requirements:

1. Walls exposed to the outside atmosphere having a continuous water vapor retarder with a rating of 1 perm ( $57 \text{ ng/s} \cdot \text{m}^2 \cdot \text{Pa}$ ) or less with openings gasketed or sealed; and
2. Openable windows and doors meeting the air leakage requirements of the ~~*Energy Conservation Construction Code of New York State*~~ *New York City Energy Conservation Code*, Section ~~502.1.4~~ 802.3.1; and
3. Caulking or sealants are applied to areas, such as joints around window and door frames, between sole plates and floors, between wall-ceiling joints, between wall panels, at penetrations for plumbing, electrical and gas lines, and at other openings.

## CONSTRUCTION CODES UPDATE PAGE

Matter in plain text is unchanged. Matter underlined is new. Matter ~~stricken through~~ is deleted.  
**Source:** Local Law 85 of 2009, effective July 1, 2010.

**MECHANICAL CODE**

*Insert between pages 16 and 17 of your bound volume.*

Amend section 301.2 to read as follows:

**301.2 Energy utilization.** Heating, ventilating and air-conditioning systems of all structures shall be designed and installed for efficient utilization of energy in accordance with the ~~*Energy Conservation Construction Code of New York State*~~ *New York City Energy Conservation Code*.

## CONSTRUCTION CODES UPDATE PAGE

Matter in plain text is unchanged. Matter underlined is new. Matter ~~stricken through~~ is deleted.  
**Source:** Local Law 85 of 2009, effective July 1, 2010.

**MECHANICAL CODE**

*Insert between pages 16a and 17 of your bound volume.*

Amend **Exception** 3 of section 303.3 to read as follows:

3. Appliances installed in a dedicated enclosure in which all combustion air is taken directly from the outdoors, in accordance with Section 703. Access to such enclosure shall be through a solid door, weather-stripped in accordance with the exterior door air leakage requirements of the ~~*Energy Conservation Construction Code of New York State*~~ *New York City Energy Conservation Code* and equipped with an approved self-closing device.

## CONSTRUCTION CODES UPDATE PAGE

Matter in plain text is unchanged. Matter underlined is new. Matter ~~stricken through~~ is deleted.

**Source:** Local Law 85 of 2009, effective July 1, 2010.

## MECHANICAL CODE

*Insert between pages 22 and 23 of your bound volume.*

Amend section 312.1 to read as follows:

**312.1 Load calculations.** Heating and cooling system design loads for the purpose of sizing systems, appliances and equipment shall be determined in accordance with the procedures described in the ASHRAE Handbook of Fundamentals. Heating and cooling loads shall be adjusted to account for load reductions that are achieved when energy recovery systems are utilized in the HVAC system in accordance with the ASHRAE Handbook - HVAC Systems and Equipment. Alternatively, design loads shall be determined by an approved equivalent computation procedure, using the design parameters specified in Chapter 3 of the ~~*Energy Conservation Construction Code of New York State*~~ *New York City Energy Conservation Code*. Heating and cooling system design loads for the purpose of sizing systems, appliances and equipment shall also comply with the requirements of Section 1204 of the *New York City Building Code*.



## CONSTRUCTION CODES UPDATE PAGE

Matter in plain text is unchanged. Matter underlined is new. Matter ~~stricken through~~ is deleted.  
**Source:** Local Law 85 of 2009, effective July 1, 2010.

**MECHANICAL CODE**

*Insert between pages 52 and 53 of your bound volume.*

Amend section 514.1 to read as follows:

**514.1 General.** Energy recovery ventilation systems shall be installed in accordance with this section. Where required for purposes of energy conservation, energy recovery ventilation systems shall also comply with the ~~Energy Conservation Construction Code of New York State~~ New York City Energy Conservation Code.

## CONSTRUCTION CODES UPDATE PAGE

Matter in plain text is unchanged. Matter underlined is new. Matter ~~stricken through~~ is deleted.

**Source:** Local Law 85 of 2009, effective July 1, 2010.

## MECHANICAL CODE

*Insert between pages 56 and 57 of your bound volume.*

Amend section 603.9 to read as follows:

**603.9 Joints, seams and connections.** All longitudinal and transverse joints, seams and connections in metallic and nonmetallic ducts shall be constructed as specified in SMACNA *HVAC Duct Construction Standards—Metal and Flexible* and SMACNA *Fibrous Glass Duct Construction Standards* or NAIMA *Fibrous Glass Duct Construction Standards*. All longitudinal and transverse joints, seams and connections shall be sealed in accordance with the ~~*Energy Conservation Construction Code of New York State*~~ *New York City Energy Conservation Code*.

## CONSTRUCTION CODES UPDATE PAGE

Matter in plain text is unchanged. Matter underlined is new. Matter ~~stricken through~~ is deleted.  
**Source:** Local Law 85 of 2009, effective July 1, 2010.

**MECHANICAL CODE**

*Insert between pages 56a and 57 of your bound volume.*

Amend section 604.1 to read as follows:

**604.1 General.** Duct insulation shall conform to the requirements of Sections 604.2 through 604.13 and the ~~*Energy Conservation Construction Code of New York State*~~ *New York City Energy Conservation Code*.

## CONSTRUCTION CODES UPDATE PAGE

Matter in plain text is unchanged. Matter underlined is new. Matter ~~stricken through~~ is deleted.  
**Source:** Local Law 85 of 2009, effective July 1, 2010.

**MECHANICAL CODE**

*Insert between pages 78 and 79 of your bound volume.*

Amend section 903.5 to read as follows:

**903.5 Combustion air supply.** All installations of factory-built fireplaces shall comply with the requirements of the *Energy Conservation Construction Code of New York State New York City Energy Conservation Code* concerning combustion air supply.

## CONSTRUCTION CODES UPDATE PAGE

Matter in plain text is unchanged. Matter underlined is new. Matter ~~stricken through~~ is deleted.

**Source:** Local Law 85 of 2009, effective July 1, 2010.

**MECHANICAL CODE**

*Insert between pages 78a and 79 of your bound volume.*

Amend section 905.4 to read as follows:

**905.4 Combustion air supply.** All fireplace stoves and room heaters shall comply with the requirements of the ~~*Energy Conservation Construction Code of New York State*~~ *New York City Energy Conservation Code* concerning combustion air supply.

## CONSTRUCTION CODES UPDATE PAGE

Matter in plain text is unchanged. Matter underlined is new. Matter ~~stricken through~~ is deleted.  
**Source:** Local Law 85 of 2009, effective July 1, 2010.

**MECHANICAL CODE**

*Insert between pages 104 and 105 of your bound volume.*

Amend section 1204.1 to read as follows:

**1204.1 Insulation characteristics.** Pipe insulation installed in buildings shall conform to the requirements of the ~~*Energy Conservation Construction Code of New York State*~~ *New York City Energy Conservation Code*, shall be tested in accordance with ASTM E 84 and shall have a maximum flame spread index of 25 and a smoke-developed index not exceeding 450. Insulation installed in an air plenum shall comply with Section 602.2.1.

## CONSTRUCTION CODES UPDATE PAGE

Matter in plain text is unchanged. Matter underlined is new. Matter ~~stricken through~~ is deleted.  
**Source:** Local Law 85 of 2009, effective July 1, 2010.

**MECHANICAL CODE**

*Insert between pages 104a and 105 of your bound volume.*

Amend section 1204.2 to read as follows:

**1204.2 Required thickness.** Hydronic piping shall be insulated to the thickness required by the ~~*Energy Conservation Construction Code of New York State*~~ *New York City Energy Conservation Code*.