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## BUILDINGS BULLETIN 2014-017

### Operational

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**Supersedes:** Buildings Bulletin 2014-009 dated July 25, 2014

**Issuer:** Thomas Fariello, RA  
First Deputy Commissioner

**Issuance Date:** September 30, 2014

**Purpose:** This bulletin clarifies when to apply special inspection requirements of the 2008 and the 2014 Construction Codes

**Related Code/Zoning Section(s):**

AC 28-116	1 RCNY 101-06	BC 1704.12	BC 1704.32
BC Chapter 17	LL 141/2013	BC 1704.18	
	LL 41/2012	BC 1704.20.5	

**Subject(s):** Special Inspection, 2008 NYC Construction Codes; Special Inspection, 2014 NYC Construction Codes; Special Inspections, TR1 form; Special Inspection, registration; Special Inspection, accreditation; Special Inspections, categories

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### I. Background

This bulletin clarifies applicable conditions for special inspection requirements in accordance with the 2008 and 2014 NYC Construction Codes.

### II. Effective Date for filing 2014 Code TR1 Special Inspections

The 2014 NYC Construction Codes become effective December 31, 2014. Refer to Buildings Bulletin 2014-015 for applicability of the 2008 or 2014 NYC Construction Codes for specific projects. Special inspections performed in accordance with either the 2008 or 2014 NYC Construction Codes shall be filed with the Department accordingly:

<b>WORK TYPE</b>	<b>Applicable Code per BB 2014-015</b>	<b>2008 TR1</b>	<b>2014 TR1</b>
New Buildings	2008	✓	
	2014		✓
Alterations to Existing Buildings (incl. Partial Demolitions)	2008	✓	
	2014		✓
Full Demolitions	2008	✓	
	2014		✓
BC Chapter 33 work on Site Safety Jobs (excl. Full Demolitions)	2008	✓	
	2014		✓
BC Chapter 33 work on non-Site Safety Jobs (excl. Full Demolitions)	2008	✓	
	2014		✓

### III. Requirements for Registration and Accreditation

- As of May 12, 2013, all agencies performing special inspections were required to be registered NYC Special Inspection Agencies in good standing with the Department, and all Class-1 Special Inspection Agencies were required to be accredited per the requirements of 1 RCNY 101-06.
- All current registrations will be automatically converted on December 31, 2014 to the corresponding special inspection categories prescribed in the 2014 NYC Building Code.
- Accreditation for for Class-1 Special Inspection Agencies registered for the following new special inspection categories introduced in the 2014 NYC Building Code will not be required until December 31, 2015:
  - Mastic and Intumescent Fire-resistant Coatings (BC 1704.12);
  - High Temperature Hot Water Piping (Welding) (BC 1704.18);
  - Post-Installed Anchors (BC 1704.32); and
  - Raising and Moving of a Building (BC 1704.20.5)

### IV. Requirements for 2008 Code TR1 Submissions Beginning December 31, 2014

Beginning December 31, 2014, all Special Inspection Agency registrations will reflect the 2014 NYC Building Code special inspection categories, along with the associated duties and responsibilities prescribed in Section 1704 of the 2014 NYC Building Code. The Department will automatically recognize registration for 2014 NYC Building Code special inspection categories as complying with

the corresponding 2008 NYC Building Code special inspection categories, along with the associated duties and responsibilities for all 2008 NYC Building Code TR1 submissions and 2008 NYC Building Code filings. The corresponding 2008 NYC Building Code special inspection categories are identified in Section V of this Bulletin.

**V. 2008 Special Inspections and Corresponding 2014 Code Special Inspection Categories<sup>a, b</sup>**

	<b>2008 Code Special Inspection</b>	<b>2008 Code Section</b>	<b>Corresponding 2014 Code Special Inspection</b>	<b>Corresponding 2014 Code Section</b>
1	Flood Zone Compliance	BC G105	Flood Zone Compliance	BC 1704.29, BC G105
2	Photoluminescent Exit Path Markings	BC 1026.11	Luminous Egress Path Markings	BC 1704.30, BC 1024.8
3	Emergency Power Systems (Generators)	BC 1704.13, BC 2702	Emergency and Standby Power Systems (Generators)	BC 1704.31
4	Structural Steel – Welding	BC 1704.3.1	Structural Steel – Welding	BC 1704.3.1
5	Structural Steel – Erection & Bolting	BC 1704.3.2, BC 1704.3.3	Structural Steel – High Strength Bolting	BC 1704.3.3
6	Structural Cold-Formed Steel	BC 1704.3.4	Structural Cold-Formed Steel	BC 1704.3.4
7	Concrete – Cast-In-Place	BC 1704.4	Concrete – Cast-In-Place	BC 1704.4
8	Concrete – Precast	BC 1704.4	Concrete – Precast	BC 1704.4
9	Concrete – Prestressed	BC 1704.4	Concrete – Prestressed	BC 1704.4
10	Masonry	BC 1704.5	Masonry	BC 1704.5
11	Wood – Installation of High-Load Diaphragms	BC 1704.6.1	Wood – Installation of High-Load Diaphragms	BC 1704.6.1
12	Wood – Installation of Metal-Plate-Connected Trusses	BC 1704.6.3	Wood – Installation of Metal-Plate-Connected Trusses	BC 1704.6.2
13	Wood – Installation of Prefabricated I-Joists	BC 1704.6.4	Wood – Installation of Prefabricated I-Joists	BC 1704.6.3
14	Soils – Site Preparation	BC 1704.7.1	Subgrade Inspection	BC 1704.7.1
15	Soils – Fill Placement & In-Place Density	BC 1704.7.2, BC 1704.7.3	Subsurface Conditions – Fill Placement & In-Place Density	BC 1704.7.2, BC 1704.7.3
16	Soils – Investigations (Borings/Test Pits)	BC 1704.7.4	Subsurface Investigations (Borings/Test Pits)	BC 1704.7.4
17	Pile Foundations & Drilled Pier Installation	BC 1704.8	Deep Foundation Elements	BC 1704.8
18	Pier Foundations	BC 1704.9	Vertical Masonry Foundation Elements	BC 1704.9
19	Underpinning	BC 1704.9.1	Underpinning	BC 1704.20.3, BC 1814
20	Wall Panels, Curtain Walls, and Veneers	BC 1704.10	Wall Panels, Curtain Walls, and Veneers	BC 1704.10
21	Sprayed Fire-resistant Materials	BC 1704.11	Sprayed Fire-Resistant Materials	BC 1704.11

	<b>2008 Code Special Inspection</b>	<b>2008 Code Section</b>	<b>Corresponding 2014 Code Special Inspection</b>	<b>Corresponding 2014 Code Section</b>
22	Exterior Insulation Finish Systems (EIFS)	BC 1704.12	Exterior Insulation and Finish Systems (EIFS)	BC 1704.13
23	Alternative Materials	BC 1704.13	Alternative Materials	BC 1704.14
24	Smoke Control Systems	BC 1704.14	Smoke Control Systems	BC 1704.15
25	Mechanical Systems	BC 1704.15	Mechanical Systems	BC 1704.16
26	Fuel-Oil Storage and Fuel-Oil Piping Systems	BC 1704.16	Fuel-Oil Storage and Fuel-Oil Piping Systems	BC 1704.17
27	High-Pressure Steam Piping (Welding)	BC 1704.17	High-Pressure Steam Piping (Welding)	BC 1704.18
28	High-Pressure Fuel-Gas Piping (Welding)	BC 1704.18	High-Pressure Fuel-Gas Piping (Welding)	BC 1704.19
29	Structural Safety - Structural Stability	BC 1704.19	Structural Stability – Existing Buildings	BC 1704.20.1
30	Mechanical Demolition	BC 1704.19, BC 3306.6	Mechanical Demolition	BC 1704.20.4
31	Excavation - Sheeting, Shoring, and Bracing	BC 1704.19, BC 3304.4.1	Excavations	BC 1704.20.2
32	Raising and Moving of a Building	BC 1704.19, BC 1704.27	Raising and Moving of a Building	BC 1704.20.5
33	Soil Percolation Test - Drywell	BC 1704.20.1	Soil Percolation Test - Private On-Site Storm Water Drainage Disposal Systems and Detention Facilities	BC 1704.21.1.2
34	Soil Percolation Test - Septic	BC 1704.20.1	Soil Percolation Test - Individual On-Site Private Sewage Disposal Systems	BC 1704.22
35	Site Storm Drainage Disposal and Detention System Installation	BC 1704.20	Private On-Site Storm Water Drainage Disposal Systems and Detention Facilities Installation	BC 1704.21.2
36	Septic System Installation	BC 1704.20	Individual On-Site Private Sewage Disposal Systems Installation	BC 1704.22
37	Sprinkler Systems	BC 1704.21	Sprinkler Systems	BC 1704.23
38	Standpipe Systems	BC 1704.22	Standpipe Systems	BC 1704.24
39	Heating Systems	BC 1704.23	Heating Systems	BC 1704.25
40	Chimneys	BC 1704.24	Chimneys	BC 1704.26
41	Firestop, Draftstop, and Fireblock systems	BC 1704.25	Fire-resistant Penetrations and Joints	BC 1704.27
42	Aluminum Welding	BC 1704.26	Aluminum Welding	BC 1704.28
43	Seismic Isolation Systems	BC 1707.8	Seismic Isolation Systems	BC 1707.8
44	Concrete Test Cylinders	BC 1905.6	Concrete Field Testing	BC 1905.6, BC 1913.10
45	Concrete Design Mix	BC 1905.3	Concrete Design Mix	BC 1905.3, BC 1913.5

- a. The 2008 Fire Alarm Test special inspection is not required for the 2014 NYC Building Code.
- b. The following special inspections are new to the 2014 NYC Building Code:
  - Structural Steel Details (BC 1704.3.2)
  - Helical Piles (BC 1704.8.5). See Buildings Bulletin 2011-011 for 2008 NYC Building Code requirements.
  - Mastic and Intumescent Fire-resistant Coatings (BC 1704.12)
  - High Temperature Hot Water Piping (Welding) (BC 1704.18)
  - Post-Installed Anchors (BC 1704.32). See Buildings Bulletins 2009-019, 2009-021, 2010-005 and 2012-007 for 2008 NYC Building Code requirements.