



2014 NYC Construction Code

2008 - 2014 SPECIAL INSPECTIONS COMPARISON CHART

SPECIAL INSPECTIONS TABLE

| #   | 2008 Code Special Inspection                       | 2008 Code Section        | Reports Required | 2014 Code Special Inspection                            | 2014 Code Section     | Reports Required                |
|-----|--|--------------------------|------------------|---|-----------------------|---------------------------------|
| 1.  | Flood Zone Compliance                              | BC G105                  |                  | Flood Zone Compliance                                   | BC 1704.29, BC G105   | FEMA Forms* (Prior to Sign-off) |
| 2.  | Fire Alarm Test                                    | BC 907, BC 1704.13       |                  |   |                       |                                 |
| 3.  | Photoluminescent Exit Path Markings                | BC 1026.11               | TR7              | <i>Luminous Egress Path Markings</i>                    | BC 1704.30, BC 1024.8 | TR7 (Prior to Sign-off)         |
| 4.  | Emergency Power Systems (Generators)               | BC 1704.13, BC 2702      |                  | <i>Emergency and Standby Power Systems (Generators)</i> | BC 1704.31            |                                 |
| 5.  | Structural Steel – Welding                         | BC 1704.3.1              |                  | Structural Steel – Welding                              | BC 1704.3.1           |                                 |
| 6.  | Structural Steel – Erection & Bolting              | BC 1704.3.2, BC 1704.3.3 |                  | <i>Structural Steel – High Strength Bolting</i>         | BC 1704.3.3           |                                 |
| 6a. |  |                          |                  | <i>Structural Steel – Details</i>                       | BC 1704.3.2           |                                 |
| 7.  | Structural Cold-Formed Steel                       | BC 1704.3.4              |                  | Structural Cold-Formed Steel                            | BC 1704.3.4           |                                 |
| 8.  | Concrete – Cast-In-Place                           | BC 1704.4                |                  | Concrete – Cast-In-Place                                | BC 1704.4             |                                 |
| 9.  | Concrete – Precast                                 | BC 1704.4                |                  | Concrete – Precast                                      | BC 1704.4             |                                 |
| 10. | Concrete – Prestressed                             | BC 1704.4                |                  | Concrete – Prestressed                                  | BC 1704.4             |                                 |
| 11. | Masonry  | BC 1704.5                |                  | Masonry   | BC 1704.5             |                                 |
| 12. | Wood – Off-Site fabrication of Structural Elements | BC 1704.6                |                  |   |                       |                                 |
| 13. | Wood – Installation of High-Load Diaphragms        | BC 1704.6.1              |                  | Wood – Installation of High-Load Diaphragms             | BC 1704.6.1           |                                 |

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| 14. | Wood – Installation of Metal-Plate-Connected Trusses | BC 1704.6.3                 |                  | Wood – Installation of Metal-Plate-Connected Trusses      | BC 1704.6.2              |                             |
| 15. | Wood – Installation of Prefabricated I-Joists        | BC 1704.6.4                 |                  | Wood – Installation of Prefabricated I-Joists             | BC 1704.6.3              |                             |
| 16. | Soils – Site Preparation                             | BC 1704.7.1                 |                  | <i>Subgrade Inspection</i>                                | BC 1704.7.1              |                             |
| 17. | Soils – Fill Placement & In-Place Density            | BC 1704.7.2,<br>BC 1704.7.3 |                  | Subsurface Conditions – Fill Placement & In-Place Density | BC 1704.7.2, BC 1704.7.3 |                             |
| 18. | Soils – Investigations (Borings/Test Pits)           | BC 1704.7.4                 | TR4              | Subsurface Investigations (Borings/Test Pits)             | BC 1704.7.4              | TR4<br>(Prior to Approval)  |
| 19. | Pile Foundations & Drilled Pier Installation         | BC 1704.8                   | TR5              | <i>Deep Foundation Elements</i>                           | BC 1704.8                | TR5<br>(Prior to Sign-off)  |
| 20. |  |                             |                  | <i>Helical Piles</i>                                      | 1704.8.5                 | TR5H<br>(Prior to Sign-off) |
| 21. | Pier Foundations                                     | BC 1704.9                   |                  | <i>Vertical Masonry Foundation Elements</i>               | BC 1704.9                |                             |
| 22. | Underpinning   | BC 1704.9.1                 |                  | Underpinning  | BC 1704.20.3,<br>BC 1814 |                             |
| 23. | Wall Panels, Curtain Walls, and Veneers              | BC 1704.10                  | Yes              | Wall Panels, Curtain Walls, and Veneers                   | BC 1704.10               | Yes<br>(Prior to Sign-off)  |
| 24. | Sprayed Fire-resistant Materials                     | BC 1704.11                  |                  | Sprayed Fire-Resistant Materials                          | BC 1704.11               |                             |
| 25. |  |                             |                  | <i>Mastic and Intumescent Fire-resistant Coatings</i>     | BC 1704.12               |                             |
| 26. | Exterior Insulation Finish Systems (EIFS)            | BC 1704.12                  |                  | Exterior Insulation and Finish Systems (EIFS)             | BC 1704.13               |                             |
| 27. | Alternative Materials                                | BC 1704.13                  |                  | Alternative Materials                                     | BC 1704.14               |                             |

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| 28. | Smoke Control Systems  | BC 1704.14                 |                  | Smoke Control Systems   | BC 1704.15        |                            |
| 29. | Mechanical Systems   | BC 1704.15                 |                  | Mechanical Systems  | BC 1704.16        |                            |
| 30. | Fuel-Oil Storage and Fuel-Oil Piping Systems                   | BC 1704.16                 |                  | Fuel-Oil Storage and Fuel-Oil Piping Systems  | BC 1704.17        |                            |
| 31. | High-Pressure Steam Piping (Welding)                           | BC 1704.17                 |                  | High-Pressure Steam Piping (Welding)  | BC 1704.18        |                            |
| 32. |  |                            |                  | <i>High Temperature Hot Water Piping (Welding)</i>  | BC 1704.18        |                            |
| 33. | High-Pressure Fuel-Gas Piping (Welding)                        | BC 1704.18                 |                  | High-Pressure Fuel-Gas Piping (Welding)   | BC 1704.19        |                            |
| 34. | Structural Safety - Structural Stability                       | BC 1704.19                 |                  | <i>Structural Stability – Existing Buildings</i>  | BC 1704.20.1      |                            |
| 35. | Mechanical Demolition  | BC 1704.19,<br>BC 3306.6   |                  | Mechanical Demolition   | BC 1704.20.4      |                            |
| 36. | Excavation - Sheeting, Shoring, and Bracing                    | BC 1704.19,<br>BC 3304.4.1 |                  | <i>Excavations</i>  | BC 1704.20.2      |                            |
| 37. | Raising and Moving of a Building                               | BC 1704.19,<br>BC 1704.27  |                  | Raising and Moving of a Building  | BC 1704.20.5      |                            |
| 38. | Soil Percolation Test - Drywell                                | BC 1704.20.1               | Yes              | <i>Soil Percolation Test - Private On-Site Storm Water Drainage Disposal Systems and Detention Facilities</i> | BC 1704.21.1.2    | Yes<br>(prior to approval) |
| 39. | Soil Percolation Test - Septic                                 | BC 1704.20.1               | Yes              | <i>Soil Percolation Test - Individual On-Site Private Sewage Disposal Systems</i>                             | BC 1704.22        | Yes<br>(prior to approval) |
| 40. | Site Storm Drainage Disposal and Detention System Installation | BC 1704.20                 |                  | <i>Private On-Site Storm Water Drainage Disposal Systems and Detention Facilities Installation</i>            | BC 1704.21.2      |                            |

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| 41. | Septic System Installation                 | BC 1704.20        |                  | <i>Individual On-Site Private Sewage Disposal Systems Installation</i> | BC 1704.22            |                                     |
| 42. | Sprinkler Systems                          | BC 1704.21        |                  | Sprinkler Systems  | BC 1704.23            |                                     |
| 43. | Standpipe Systems                          | BC 1704.22        |                  | Standpipe Systems  | BC 1704.24            |                                     |
| 44. | Heating Systems                            | BC 1704.23        |                  | Heating Systems  | BC 1704.25            |                                     |
| 45. | Chimneys                                   | BC 1704.24        |                  | Chimneys   | BC 1704.26            |                                     |
| 46. | Firestop, Draftstop, and Fireblock systems | BC 1704.25        |                  | <i>Fire-resistant Penetrations and Joints</i>                          | BC 1704.27            |                                     |
| 47. | Aluminum Welding                           | BC 1704.26        |                  | Aluminum Welding   | BC 1704.28            |                                     |
| 48. | Seismic Isolation Systems                  | BC 1707.8         |                  | Seismic Isolation Systems  | BC 1707.8             |                                     |
| 49. |  |                   |                  | Post-installed Anchors   | BC 1704.32            |                                     |
| 50. | Concrete Test Cylinders                    | BC 1905.6         | TR2              | <i>Concrete Field Testing</i>  | BC 1905.6, BC 1913.10 | TR2<br>(Prior to Permit & Sign-off) |
| 51. | Concrete Design Mix                        | BC 1905.3         | TR3              | Concrete Design Mix  | BC 1905.3, BC 1913.5  | TR3<br>(Prior to Permit)            |

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