

Special Inspection Category	[2008] 2014 Code Section	Qualifications ^{1,2}		
		Primary Inspector or Inspection Supervisor	Supplemental Inspector (Alternative 1) under direct supervision of Inspection Supervisor	Supplemental Inspector (Alternative 2) under direct supervision of Inspection Supervisor
1. GENERAL BUILDING CONSTRUCTION				
Wall Panels, Curtain Walls, and Veneers	BC 1704.10	<ul style="list-style-type: none"> RA or PE – Civil or Structural Engineering and <ul style="list-style-type: none"> 1 Year relevant experience 	<ul style="list-style-type: none"> Bachelor's degree in Architecture or Civil Engineering or Structural Engineering and <ul style="list-style-type: none"> 2 years relevant experience 	<ul style="list-style-type: none"> Technician with 3 years relevant experience
Exterior Insulation and Finish Systems (EIFS)	BC [1704.12] 1704.13	<ul style="list-style-type: none"> PE or RA and <ul style="list-style-type: none"> 1-year relevant experience 	N/A	<ul style="list-style-type: none"> Technician with 2 years relevant experience
Chimneys	BC [1704.24] 1704.26	<ul style="list-style-type: none"> PE or RA; and 1-year relevant experience 	<ul style="list-style-type: none"> Bachelor's degree in Architecture or Engineering and <ul style="list-style-type: none"> 2 years relevant experience 	<ul style="list-style-type: none"> Technician with ICC Certification as a Residential or Commercial Mechanical Inspector and <ul style="list-style-type: none"> 5 years relevant experience
Flood [Hazard Mitigation] Zone Compliance	BC 1704.29, BC G105	<ul style="list-style-type: none"> PE or RA and <ul style="list-style-type: none"> 1-year relevant experience 	N/A	N/A
[Photoluminescent Exit] Luminous Egress Path Marking	[1 RCNY 1026-01 (formerly RS 6-1)] BC 1704.30, BC 1024.8	<ul style="list-style-type: none"> PE or RA and <ul style="list-style-type: none"> relevant experience 	N/A	<ul style="list-style-type: none"> Technician with relevant experience
Class 3 Special Inspections (Small Projects) ³		<ul style="list-style-type: none"> PE or RA and <ul style="list-style-type: none"> relevant experience 	See Technician requirements for relevant inspection	<ul style="list-style-type: none"> See Technician requirements for relevant inspection.

2. FIRE PROTECTION SYSTEMS & FIRE-RESISTANT CONSTRUCTION				
<p>Sprayed Fire-resistant Materials</p> <p>and</p> <p><u>Mastic and Intumescent Fire-resistant Coatings</u></p>	<p>BC 1704.11, BC 1704.12</p>	<ul style="list-style-type: none"> • PE or RA <p>and</p> <ul style="list-style-type: none"> • 1-year relevant experience 	<ul style="list-style-type: none"> • Bachelor's degree in Architecture or Engineering; and (a or b) <ol style="list-style-type: none"> 1-year relevant experience <p>OR</p> <ul style="list-style-type: none"> • ICC Certification as a Spray-applied Fireproofing Special Inspector 	<ul style="list-style-type: none"> • Technician with ICC Certification as a Spray-applied Fireproofing Special Inspector <p>and</p> <ul style="list-style-type: none"> • 3 years relevant experience
<p>Smoke Control Systems</p>	<p>BC [1704.14]1704.15</p>	<ul style="list-style-type: none"> • PE or RA <p>and</p> <ul style="list-style-type: none"> • 1-year relevant experience (mechanical and/or fire protection) 	<p>[N/A]</p> <p>AABC Test and Balance Technician Certification</p> <p>and</p> <ul style="list-style-type: none"> • 3 years relevant experience 	<ul style="list-style-type: none"> • Technician with NEBB Air Balancer Certification <p>and</p> <ul style="list-style-type: none"> • 3 years relevant experience
<p>[Standpipe]Sprinkler Systems</p> <p>and</p> <p>[Sprinkler]Standpipe Systems</p>	<p>BC [1704.21]1704.23, BC [1704.22]1704.24</p>	<ul style="list-style-type: none"> • PE – Mechanical Engineering <p>and</p> <ul style="list-style-type: none"> • 1-year relevant experience <p>OR</p> <ul style="list-style-type: none"> • NYC Licensed Class A or Class B Master Fire Suppression Piping Contractor License <p>and</p> <ul style="list-style-type: none"> • Independent of installer 	<ul style="list-style-type: none"> • Bachelor's degree in Mechanical Engineering <p>and</p> <ul style="list-style-type: none"> • 3 years relevant experience 	<p>Technician with NICET Level II Certification in Fire Protection – Inspection and Testing of Water-based Systems</p>
<p>[Firestop, Draftstop, and Fireblock Systems] <u>Fire-resistant Penetrations and Joints</u></p>	<p>BC [1704.25]1704.27</p>	<ul style="list-style-type: none"> • PE or RA <p>and</p> <ul style="list-style-type: none"> • 1-year relevant experience 	<ul style="list-style-type: none"> • Bachelor's degree in Architecture or Engineering <p>and</p> <ul style="list-style-type: none"> • 2 years relevant experience 	<ul style="list-style-type: none"> • Technician with 3 years relevant experience
<p>[Fire Alarm Test (When FDNY inspection not required)]</p>		<ul style="list-style-type: none"> • PE – Electrical or Fire Protection <p>and</p> <ul style="list-style-type: none"> • 1-year relevant experience 	<p>[N/A]</p>	<p>[Technician with NICET Level II Certification in Fire Alarm Systems.]</p>

		<p>OR</p> <ul style="list-style-type: none"> Licensed electrician independent of installer <p>and</p> <ul style="list-style-type: none"> 3 years relevant experience] 		
Emergency and Standby Power Systems (Generators)	<u>BC 1704.31</u>	<ul style="list-style-type: none"> PE – Mechanical, Electrical, or Fire Protection <p>and</p> <ul style="list-style-type: none"> 1-year relevant experience <p>OR</p> <ul style="list-style-type: none"> Licensed electrician independent of installer <p>and</p> <ul style="list-style-type: none"> 3 years relevant experience 	<ul style="list-style-type: none"> Technician with 5 years relevant experience 	N/A
3. PLUMBING & MECHANICAL SYSTEMS				
Mechanical Systems	BC [1704.15] <u>1704.16</u>	<ul style="list-style-type: none"> PE or RA <p>and</p> <ul style="list-style-type: none"> 1-year relevant experience <p>OR</p> <ul style="list-style-type: none"> ICC Certification as a Residential or Commercial Mechanical Inspector 	<ul style="list-style-type: none"> Bachelor’s Degree in Architecture or Engineering <p>and</p> <ul style="list-style-type: none"> 2 years relevant experience <p>and</p> <ul style="list-style-type: none"> ICC Certification as a Residential or Commercial Mechanical Inspector 	<ul style="list-style-type: none"> Technician with ICC Certification as a Residential or Commercial Mechanical Inspector <p>and</p> <ul style="list-style-type: none"> 3 years relevant experience
Fuel-Oil Storage and Fuel-Oil Piping Systems	BC [1704.16] <u>1704.17</u>	<ul style="list-style-type: none"> PE or RA <p>and</p> <ul style="list-style-type: none"> 1-year relevant experience <p>OR</p> <ul style="list-style-type: none"> Licensed New York City Class A and B Oil Burner Equipment Installer <p>and</p> <ul style="list-style-type: none"> 1-year experience in the inspection of heating 	<ul style="list-style-type: none"> Bachelor’s degree in Architecture or Mechanical, Marine, Civil Engineering <p>and</p> <ul style="list-style-type: none"> 3 years relevant experience 	<ul style="list-style-type: none"> Technician with ICC Certification as a Residential or Commercial Mechanical Inspector <p>and</p> <ul style="list-style-type: none"> 5 years relevant experience

		systems, Fuel burning-Fuel storage systems.		
<u>Private On-Site Storm Water [Drainage] Disposal Systems, and Detention Facilities, and Individual On-Site Private Sewage Disposal Systems Installation</u>	BC [1704.20]1704.21, BC 1704.22	<ul style="list-style-type: none"> PE or RA <p>and</p> <ul style="list-style-type: none"> 1-year relevant experience <p>OR</p> <ul style="list-style-type: none"> NYC Licensed Master Plumber <p>and</p> <ul style="list-style-type: none"> 3 years relevant experience 	<ul style="list-style-type: none"> Bachelor's Degree in Architecture, Civil or Mechanical Engineering <p>and</p> <ul style="list-style-type: none"> 3 years relevant experience 	N/A
Heating Systems	BC [1704.23]1704.25	<ul style="list-style-type: none"> PE or RA – Civil or Mechanical Engineering <p>and</p> <ul style="list-style-type: none"> 1-year relevant experience 	<ul style="list-style-type: none"> Bachelor's Degree in Architecture or Civil or Mechanical Engineering <p>and</p> <ul style="list-style-type: none"> 3 years relevant experience <p>and</p> <ul style="list-style-type: none"> ICC Certification as a Residential or Commercial Mechanical Inspector 	<ul style="list-style-type: none"> Technician with ICC Certification as a Residential or Commercial Mechanical Inspector <p>and</p> <ul style="list-style-type: none"> 5 years relevant experience
4. STRUCTURAL MATERIALS & CONSTRUCTION OPERATIONS				
Welding: Steel, High pressure Steam Piping, High temperature Hot Water Piping, High pressure Gas Piping, and Aluminum (2 [RNCY]RCNY 25 – BSA RULE)	BC 1704.3.1, BC [1704.17]1704.18, BC [1704.18]1704.19, BC [1704.26]1704.28	<ul style="list-style-type: none"> PE or RA <p>and</p> <ul style="list-style-type: none"> AWS Certified Welding Inspector (AWS-CWI) <p>OR</p> <ul style="list-style-type: none"> PE or RA <p>and</p> <ul style="list-style-type: none"> ICC Certification as a Structural Welding Inspector (ICC-SWI) <p>and</p> <ul style="list-style-type: none"> 1-year relevant experience 	<ul style="list-style-type: none"> AWS Certified Welding Inspector (AWS-CWI) <p>OR</p> <ul style="list-style-type: none"> ICC Certification as a Structural Welding Inspector (ICC-SWI) <ul style="list-style-type: none"> 3 years relevant experience 	<ul style="list-style-type: none"> AWS Certified Associate Welding Inspector (AWS-CAWI) <p><i>NOTE: AWS-CAWI only permitted to inspect when an AWS-CWI or ICC-SWI is on site supervising</i></p>
<u>Structural Steel – Detail</u>	BC 1704.3.2	<ul style="list-style-type: none"> PE or RA <p>and</p> <ul style="list-style-type: none"> 1-year relevant experience 	<ul style="list-style-type: none"> Bachelor's degree in engineering or architecture 	<ul style="list-style-type: none"> Technician with ICC Certification as a Structural

			<p>and</p> <ul style="list-style-type: none"> • 2 years relevant experience 	<p><u>Steel and Bolting Inspector</u></p> <p>and</p> <ul style="list-style-type: none"> • <u>3 years relevant experience</u>
<p>Structural Steel – [Erection &] High-Strength Bolting</p> <p><i>NOTE: Inspection can also be performed by agency approved to inspect welding</i></p>	<p>BC [1704.3.2]<u>1704.3.3</u></p>	<ul style="list-style-type: none"> • PE – Civil/Structural <p>and</p> <ul style="list-style-type: none"> • ICC Certification as a Structural Steel and Bolting Inspector <p>and</p> <ul style="list-style-type: none"> • 1-year relevant experience 	N/A	<ul style="list-style-type: none"> • Technician with ICC Certification as a Structural Steel and Bolting Inspector <p>and</p> <ul style="list-style-type: none"> • 3 years relevant experience
<p>Structural Cold-formed Steel</p>	<p>BC [1704.3.2.4]<u>1704.3.2</u>, <u>BC 1704.3.4</u></p>	<ul style="list-style-type: none"> • PE or RA <p>and</p> <ul style="list-style-type: none"> • 1-year relevant experience 	<ul style="list-style-type: none"> • Bachelor’s degree in engineering or architecture <p>and</p> <ul style="list-style-type: none"> • 2 years relevant experience 	<ul style="list-style-type: none"> • Technician with ICC Certification as a Structural Steel and Bolting Special Inspector <p>and</p> <ul style="list-style-type: none"> • 3 years relevant experience
<p>Concrete – Cast-in-place & Precast</p> <p><i>NOTE: Licensed concrete testing lab to perform sampling and testing of cylinders</i></p>	<p>BC 1704.4</p>	<ul style="list-style-type: none"> • PE or RA <p>and</p> <ul style="list-style-type: none"> • 1-year relevant experience 	<ul style="list-style-type: none"> • ACI Certification as Concrete Construction Special Inspector (ACI-CCSI) <p>OR</p> <ul style="list-style-type: none"> • ICC Certification as Concrete Special Inspector (ICC-CSI) 	<ul style="list-style-type: none"> • ACI Certification as an Associate Concrete Construction Special Inspector (ACI-ACCSI) <p><i>NOTE: ACI-ACCSI only permitted to perform inspection under on-site supervision by PE, RA, ACI-CCSI, or ICC-CSI</i></p>
<p>Prestressed Concrete</p>	<p>BC 1704.4</p>	<ul style="list-style-type: none"> • PE – Civil/Structural <p>and</p> <ul style="list-style-type: none"> • 1-year relevant experience 	<ul style="list-style-type: none"> • Bachelor’s degree in engineering <p>and</p> <ul style="list-style-type: none"> • ICC Certification as Prestressed Concrete Special Inspector <p>and</p> <ul style="list-style-type: none"> • 1-year relevant experience 	<ul style="list-style-type: none"> • ICC Certification as Prestressed Concrete Special Inspector <p>and</p> <ul style="list-style-type: none"> • 3 years relevant experience

Masonry	BC 1704.5	<ul style="list-style-type: none"> PE or RA <p>and</p> <ul style="list-style-type: none"> 1-year relevant experience 	<ul style="list-style-type: none"> Bachelor's degree in engineering or architecture <p>and</p> <ul style="list-style-type: none"> ICC Certification as a Structural Masonry Special Inspector <p>and</p> <ul style="list-style-type: none"> 1-year relevant experience 	<ul style="list-style-type: none"> ICC Certification as a Structural Masonry Special Inspector <p>and</p> <ul style="list-style-type: none"> 2 years relevant experience
[Wood construction – Prefabricated wood I-joists and metal-plate-connected wood trusses] <u>Wood Construction – Prefabricated Wood I-Joists, Metal-plate-connected Wood Trusses, and High-load Diaphragms</u>	BC 1704.6	<ul style="list-style-type: none"> PE or RA <p>and</p> <ul style="list-style-type: none"> 1-year relevant experience 	N/A	<ul style="list-style-type: none"> ICC Certification as a Commercial or Residential Building Inspector <p>and</p> <ul style="list-style-type: none"> 2 years relevant experience
[Soils - Site Preparation] <u>Subsurface Conditions - Subgrade Inspection</u>	BC 1704.7.1 [,BC 1704.7.2, BC 1704.7.3]	<ul style="list-style-type: none"> PE – Geotechnical, Civil, or Structural <p>and</p> <ul style="list-style-type: none"> 1-year relevant experience 	N/A	N/A
[Soils]Subsurface Conditions - Fill Placement, In-place Density	[BC 1704.7.1,]BC 1704.7.2, BC 1704.7.3	<ul style="list-style-type: none"> PE – Geotechnical, Civil, or Structural <p>and</p> <ul style="list-style-type: none"> 1-year relevant experience 	<ul style="list-style-type: none"> Bachelor's degree in Geotechnical, Civil, or Structural Engineering <p>and</p> <ul style="list-style-type: none"> 1-year relevant experience 	<ul style="list-style-type: none"> Technician with NICET Level I Geotechnical Certification <p>and</p> <ul style="list-style-type: none"> 2 years relevant experience <p>OR</p> <ul style="list-style-type: none"> Technician with ICC Certification Soils Special Inspector <ul style="list-style-type: none"> 1-year relevant experience
[Soils] <u>Subsurface Investigations, Borings and Test Pits</u>	BC 1704.7.4, BC 1704.21.1.1	<ul style="list-style-type: none"> PE – Geotechnical, Civil, or Structural <p>and</p> <ul style="list-style-type: none"> 1-year relevant experience 	<ul style="list-style-type: none"> Bachelor's degree in Geotechnical, Civil, or Structural Engineering <p>and</p>	<ul style="list-style-type: none"> Technician with NICET Level II Geotechnical Certification <p>and</p> <ul style="list-style-type: none"> Must take and pass Soils

			<ul style="list-style-type: none"> 1-year relevant experience 	<p>classification sections of NICET certification</p>
[Pile]Deep Foundations [and Drilled Pier Installation]	BC 1704.8, BC [1808.2.2]1808, BC 1809, BC 1810	<ul style="list-style-type: none"> PE – Geotechnical, Civil, or Structural <p>and</p> <ul style="list-style-type: none"> 1-year relevant experience 	<ul style="list-style-type: none"> Bachelor’s degree in Geotechnical, Civil, or Structural Engineering <p>and</p> <ul style="list-style-type: none"> 3 years relevant experience <p><i>NOTE: Supplemental Inspector only permitted to inspect when multiple driving rigs are used on the same site and Primary Inspector is on site supervising</i></p>	<ul style="list-style-type: none"> Technician with NICET Level III Geotechnical Certification <p><i>NOTE: Supplemental Inspector only permitted to inspect when multiple driving rigs are used on the same site and Primary Inspector is on site supervising</i></p>
[Pier]Vertical Masonry Foundations	BC 1704.9	<ul style="list-style-type: none"> PE – Geotechnical, Civil, or Structural <p>and</p> <ul style="list-style-type: none"> 1-year relevant experience 	<ul style="list-style-type: none"> Bachelor’s degree in Geotechnical, Civil or Structural <p>and</p> <ul style="list-style-type: none"> 3 years relevant experience 	N/A
Underpinning	BC [1704.9.1]1704.20.3, BC 1814	<ul style="list-style-type: none"> PE – Geotechnical, Civil, or Structural <p>and</p> <ul style="list-style-type: none"> 1-year relevant experience 	<ul style="list-style-type: none"> Bachelor’s degree in Geotechnical, Civil or Structural <p>and</p> <ul style="list-style-type: none"> 3 years relevant experience 	N/A
Structural [safety -] Stability – Existing Buildings, [and] Mechanical Demolition, and Raising and Moving of a Building	BC [1704.19]1704.20.1, BC 1704.20.4, BC 1704.20.5	<ul style="list-style-type: none"> PE – Civil/Structural <p>and</p> <ul style="list-style-type: none"> 1-year relevant experience 	<ul style="list-style-type: none"> Bachelor’s Degree in Civil or Structural Engineering <p>and</p> <ul style="list-style-type: none"> 3 years relevant experience 	N/A
Excavation - Sheeting, Shoring, and Bracing	BC [1704.19]1704.20.2, BC 3304.4.1	<ul style="list-style-type: none"> PE – Geotechnical, Civil, or Structural <p>and</p> <ul style="list-style-type: none"> 1-year relevant experience 	<ul style="list-style-type: none"> Bachelor’s degree in Geotechnical, Civil or Structural Engineering <p>and</p> <ul style="list-style-type: none"> 3 years relevant experience 	<ul style="list-style-type: none"> Technician with 5 years relevant experience
Seismic Isolation Systems	BC 1707.8	<ul style="list-style-type: none"> PE <p>and</p>	<ul style="list-style-type: none"> Bachelor’s degree in Geotechnical, 	<ul style="list-style-type: none"> N/A

		<ul style="list-style-type: none"> • 2 years relevant experience 	Civil, or Structural Engineering and <ul style="list-style-type: none"> • 5 years relevant experience 	
Post-installed Anchors	BC 1704.32	<ul style="list-style-type: none"> • PE or RA and <ul style="list-style-type: none"> • 1-year relevant experience 	Anchors in Concrete: <ul style="list-style-type: none"> • ACI Certification as Concrete Construction Special Inspector (ACI-CCSI) OR <ul style="list-style-type: none"> • ICC Certification as Concrete Special Inspector (ICC-CSI) 	Anchors in Concrete: <ul style="list-style-type: none"> • ACI Certification as an Associate Concrete Construction Special Inspector (ACI-ACCSI) <p><i>NOTE: ACI-ACCSI only permitted to perform inspection under on-site supervision by PE, RA, ACI-CCSI, or ICC-CSI</i></p>
			Anchors in Masonry: <ul style="list-style-type: none"> • Bachelor's degree in engineering or architecture and <ul style="list-style-type: none"> • ICC Certification as a Structural Masonry Special Inspector and <ul style="list-style-type: none"> • 1-year relevant experience 	Anchors in Masonry: <ul style="list-style-type: none"> • ICC Certification as a Structural Masonry Special Inspector and <ul style="list-style-type: none"> • 2 years relevant experience

NOTES:

- Abbreviations in the qualification descriptions:
 - AABC – Associated Air Balance Council
 - ACI – American Concrete Institute
 - AWS – American Welding Society
 - ICC – International Code Council
 - NEBB – National Environmental Balancing Bureau
 - NICET – National Institute for Certification in Engineering Technologies
 - PE – A New York State Licensed and Registered Professional Engineer
 - RA – A New York State Licensed and Registered Architect
- Bachelor's Degrees must be from an accredited institution or equivalent
- Class 3 Special Inspections. An agency registered as a Class 3 special inspection agency for a special inspection category will be permitted to perform the work associated with such special inspection category on the following projects only:
 - The construction, demolition, or alteration of a one-, two-, or three-family dwelling; or
 - The alteration of any building, including partial demolition, altering less than ten thousand (10,000) square feet of gross floor area in total.

EXCEPTION: The special inspection categories of underpinning, mechanical means and methods of demolition, and the protection of the sides of excavations greater than ten (10) feet in depth will be performed only by special inspection agencies registered as either class 1 or class 2 special inspection agencies for such categories.

§ 22. This rule amendment has been in effect since October 1, 2014.