

Technical Reports

Updated March 2023

All below inspections are optional for the specified work type unless indicated as ***conditional** or **** mandatory**. **New 2022 special inspections are identified in blue.**

In DOB NOW: *Build*, stakeholders can add or delete optional Technical Reports by selecting +Add or the delete icon under the Actions column before an application is approved. Use the **+Withdraw Inspections** option on an approved application. File a post approval amendment (PAA) to withdraw an inspection on a permitted application.

Special Inspections	Code Section	Work Type(s)
Alternative Materials - OTCR Buildings Bulletin	BC 1704.14 (2014), BC 1705.1.1 (2022)	PL, SP, SD, AN, CC, FN, SH, SF, SG, GC, MS, BE, ST, FO, EA, SOE, PMM
Aluminum Construction	BC 1704.28 (2014), BC 1705.33 (2022)	AN, SF, SG, GC, ST
Chimneys and Vents	BC 1704.26 (2014), BC 1705.32 (2022)	GC*, MS
Combustible Exterior Wall Coverings	BC 1705.16 (2022)	GC, FO
Concrete – Cast-In-Place	BC 1704.4 (2014), BC 1705.3 (2022)	AN, SG, GC, ST, FO, EA, SOE, PMM
Concrete – Precast	BC 1704.4 (2014), BC 1705.3 (2022)	AN, SG, GC, ST, FO, EA, SOE, PMM
Concrete – Prestressed	BC 1704.4 (2014), BC 1705.3 (2022)	AN, SG, GC, ST, FO, EA, SOE, PMM
Concrete Design Mix (TR3)	BC 1911.5 (2014), BC 1905.3 (2022)	EA*, ST*, FO*, SOE*
Concrete Sampling and Testing (TR2)	BC 1911.10 (2014), BC 1905.6 (2022)	EA*, ST*, FO*, SOE*
Construction Operations Influencing Adjacent Structures	BC 1705.25.2 (2022)	AN, SG, GC, MS, ST, FO, EA, SOE, PMM, DM
Construction Utilizing CLT or SCL, Type IV	BC 1705.5.6 (2022)	ST, GC
Deep Foundation Elements (TR5)	BC 1704.8 (2014), BC 1705.7 (2022)	GC, FO, EA, SOE, PMM

Demolition	BC 1704.20.4 (2014), BC 1705.25.5.1 (2022)	AN, GC, ST, FO, EA, SOE, PMM, DM**
Designated Seismic System	BC 1705.12.1 (2022)	GC, ST* , FO*
Emergency and Standby Power Systems (Generator)	BC 1704.31 (2014), BC 1705.36 (2022)	AN, MS
Excavations—Sheeting, Shoring, and Bracing	BC 1704.20.2 (2014), BC 1705.25.3 (2022)	AN, GC, FO, EA, SOE, PMM
Exhaust and Vent Systems in Plenums and Ducts	BC 1705.39 (2022)	GC
Exterior Insulation and Finish Systems (EIFS)	BC 1704.13	GC, FO
Fire-resistant Penetrations and Joints	BC 1704.27 (2014), BC 1705.17 (2022)	PL, SP, SD, AN, GC, MS, BE, ST, FO
Flood Zone Compliance (attach FEMA elevation/dry floodproofing certificate where applicable)	BC G105 (2014), BC 1704.29 (2014), BC 1705.34 (2022),	AN, SG, GC* , MS* , BE* , ST* , FO* , EA*
Fuel-Oil Storage and Fuel-Oil Piping Systems	BC 1704.17 (2014), BC 1705.22 (2022)	PL, AN, BE*
Heating Systems	BC 1704.25 (2014), BC 1705.31 (2022)	MS, BE
Helical Piles Foundation (BB # 2014-020) (TR5H)	BC 1704.8.5 (2014), BC 1705.9(2022)	GC, FO, EA, SOE, PMM
High Temperature Hot Water Piping (Welding)	BC 1704.18 (2014), BC 1705.23 (2022)	PL, MS, BE
High-Pressure Fuel-Gas Piping (Welding)	BC 1704.19 (2014), BC 1705.24 (2022)	PL, MS
High-Pressure Steam Piping (Welding)	BC 1705.23 (2022)	MS. BE
Individual On-Site Private Sewage Disposal Systems Installation	BC 1705.28 (2022)	PL
Luminous Exit Path Markings (TR7)	BC 1704.30 (2014), BC 1024.8 (2014), BC 1705.35 (2022), BC 1025.8 (2022)	GC

Masonry	BC 1704.5 (2014), BC 1705.4 (2022)	AN, SG, GC, ST* , FO, EA, SOE, PMM
Mastic and Intumescent Fire-resistant Coatings	BC 1704.12 (2014), BC 1705.15 (2022)	GC, ST, FO
Mechanical Systems	BC 1704.16 (2014), BC 1705.21 (2022)	AN, MS**
Non Potable Water Systems	BC 1705.38 (2022)	PL
On-Site Private Sewage Disposal Systems Installation	BC 1705.28 (2022)	PL
Open-web Steel Joists and Joist Girders	BC 1705.2.7 (2022)	GC, ST
Post-installed Anchors	BC 1704.32(2014), BC 1705.37 (2022)	PL, SP, SD, AN, SH, SF, SG, GC, MS, BE, ST, FO, EA, SOE, PMM
Prestressed Rock and Soil Anchors	BC 1705.8.1 (2022)	GC, ST, FO, SOE
Private On-Site Storm Water Disposal Systems and Detention Facilities, Installation	BC 1704.21.2 (2014), BC 1705.27.2 (2022)	PL, GC
Raising and Moving of a Building	BC 1705.25.6 (2022)	ST* , FO
Seismic Resistance of Access Floors	BC 1705.12.2 (2022)	GC, ST
Seismic Resistance of Storage Racks	BC 1705.12.4 (2022)	GC, ST
Seismic Isolation Systems	BC 1707.8 (2014), BC 1705.12.5 (2022)	AN, GC, ST, FO, SOE
Seismic Resistance of Plumbing, Mechanical, Fuel Gas, and Electrical Components	BC 1705.12.3 (2022)	PL, GC, MH, ST
Smoke Control Systems Testing	BC 1704.15 (2014), BC 1705.18 (2022)	MS
Soil Percolation Test - Private On-Site Storm Water Drainage Disposal Systems and Detention Facilities	BC 1704.21.1.2 (2014), BC 1705.27.1.2 (2022)	PL
Sprayed fire-resistant materials	BC 1704.11 (2014), BC 1705.14 (2022)	GC, ST, FO

Sprinkler Systems	BC 1704.23 (2014), BC 1705.29 (2022)	SP**, PL
Standpipe Systems	BC 1704.24 (2014), BC 1705.30 (2022)	SD**
Structural Cold-Formed Steel	BC 1704.3.4 (2014), BC 1705.2.6 (2022)	AN, SG, ST*, FO, EA, SOE, PMM
Structural Stability – Alterations of existing buildings	BC 1704.20.1 (2014), BC 1705.25.1 (2022)	AN, SG, GC*, MS*, ST*, FO*, EA*, SOE*, PMM*, DM*
Structural Steel – Details	BC 1704.3.2 (2014), BC 1705.2.2 (2022)	AN, SH, SG, ST*, FO, EA, SOE, PMM
Structural Steel – High Strength Bolting	BC 1704.3.3 (2014), BC 1705.2.3 (2022)	AN, SH, SG, ST, FO, EA, SOE, PMM
Structural Steel – Welding	BC 1704.3.1 (2014), BC 1705.2.1 (2022)	AN, SH, SG, ST, FO, EA, SOE, PMM
Subgrade Inspection	BC 1704.7.1 (2014), BC 1705.6 (2022)	AN, SG, ST, FO, EA, SOE, PMM
Subsurface Conditions – Fill Placement & In-Place Density	BC 1704.7.2 (2014), BC1704.7.3 (2014), BC 1705.6 (2022)	AN, SG, ST, FO, EA, SOE, PMM
Subsurface Investigations (Borings/Test Pits) (TR4)	BC 1704.7.4 (2014), BC 1705.6 (2022)	PL, SG, GC, FO, EA, SOE, PMM
Tenant Protection Plan Compliance	BC 1705.26 (2022)	AN*, BE*, EA*, FO*, GC*, MH*, PL*, SP*, SD*, ST*, SOE*
Underpinning and alternate methods of support of buildings and adjacent property	BC 1705.25.4 (2022), BC 1817 (2022)	GC, FO, EA, SOE, PMM
Vertical Masonry Foundation Elements	BC 1704.9 (2014), BC 1705.19 (2022)	AN, GC, FO, EA, SOE, PMM
Wall Panels, Curtain Walls, and Veneers	BC 1704.10 (2014), BC 1705.20 (2022)	GC, ST
Wood – Seismic Resistance	BC 1705.5.5 (2022)	GC, ST
Wood – High-Load Diaphragms	BC 1704.6.1 (2014), BC 1705.5.1 (2022)	ST, FO, EA, SOE, PMM

Wood – Metal-Plate-Connected Trusses	BC 1704.6.2 (2014), BC 1705.5.2 (2022)	ST, FO, EA, SOE, PMM
Wood – Prefabricated I-Joists	BC 1704.6.3 (2014), BC 1705.5.3 (2022)	ST*, FO, EA, SOE, PMM
Progress Inspection Categories	Code Section	Work Type(s)
Energy Code Compliance Inspections (TR8)	BC 110.3.5	PL, SP, SD, GC, MS, BE, ST, FO
Final (TR1) (see BB 2018-008 for applicable work types; for conditional work types, select PW1 option that RDP will perform final inspection.)	28-114 28-116 BC 110.5	AN*, EA*, FO*, MS*, SE*, ST*, GC*, SG*
Fire-Resistance Rated Construction	BC 110.3.4	AN, SG, GC, MS, ST, FO
Footing and Foundation	BC 110.3.1	AN, SG, FO**, SOE
Lowest Floor Elevation	BC 110.3.2	GC*, MS*, BE*, ST*, FO*
Preliminary	28-116.2.1, BC 110.2	AN, SG, GC, MS, ST, FO, EA, SOE, PMM
Public Assembly Emergency Lighting	28-116.2.2	GC
Structural Wood Frame	BC 110.3.3	SG, ST
TR8 – Energy Code Progress Inspections	Table Reference in 1RCNY §5000-01(h) (1 and (2)	Work Type(s)
Air barrier — testing	(IA7), (IIA7)	GC
Air barrier — visual inspection	(IA6), (IIA6)	AN, SG, GC
Air barrier continuity plan testing	(IIA8)	GC
Duct leakage testing, insulation and design	(IB6), (IIB6)	MS
Electrical motors	(IIC7), (IIC6)	GC, MS
Exterior lighting power	(IIC4)	SG, GC, MS
Fenestration air leakage	(IA4), (IIA4)	GC
Fenestration and door U-factor and product ratings	(IA3), (IIA3)	GC
Fenestration areas	(IA5), (IIA5)	GC

Fireplaces	(IB1), (IIB1)	GC, MS
HVAC-R and service water heating equipment	(IB3), (IIB3)	PL, MS, BE
HVAC-R and service water heating system controls	(IB4), (IIB4)	PL, MS, BE
HVAC-R and service water piping design and insulation	(IB5), (IIB5)	PL, GC, MS, ST
Insulation placement and R values	(IA2), (IIA2)	SG, GC, FO
Interior lighting power	(IC2), (IIC3)	GC, MS
Lighting controls	(IIC5)	SG, GC, MS
Lighting in dwelling units	(IIC2)	GC, MS
Maintenance information	(ID1), (IID1)	PL, GC, MS, BE
Metering	(IC1), (IIC1)	PL, GC, MS
Permanent certificate	(ID2)	PL, GC, MS, BE
Protection of exposed foundation insulation	(IA1), (IIA1)	GC, FO
Shutoff dampers	(IIB2)	MS
Solar Ready Requirements	(ID3)	GC
Ventilation and air distribution system	(IB2)	MS, GC
Vestibules	(IIA9)	GC