

Technical Reports

Updated July 2021

All below inspections are optional for the specified work type unless indicated as ***conditional** or **** mandatory**.

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 or as a post approval amendment (PAA).

Special Inspections	Code Section	Work Type(s)
Alternative Materials - OTCR Buildings Bulletin	BC 1704.14	PL, SP, SD, AN, CC, FN, SH, SF, SG, GC, MS, BE, ST, FO, EA, SOE, PMM
Aluminum Welding	BC 1704.28	AN, SF, SG, GC, ST
Chimneys	BC 1704.26	GC*, MS
Concrete – Cast-In-Place	BC 1704.4	AN, SG, GC, ST, FO, EA, SOE, PMM
Concrete – Precast	BC 1704.4	AN, SG, GC, ST, FO, EA, SOE, PMM
Concrete – Prestressed	BC 1704.4	AN, SG, GC, ST, FO, EA, SOE, PMM
Concrete Design Mix (TR3)	BC 1905.3 BC 1913.5	EA*, ST*, FO*, SOE*
Concrete Sampling and Testing (TR2)	BC 1905.6 BC 1913.10	EA*, ST*, FO*, SOE*
Deep Foundation Elements (TR5)	BC 1704.8	GC, FO, EA, SOE, PMM
Emergency and Standby Power Systems (Generators)	BC 1704.31	AN, MS
Excavations—Sheeting, Shoring, and Bracing	BC 1704.20.2	AN, GC, FO, EA, SOE, PMM
Exterior Insulation and Finish Systems (EIFS)	BC 1704.13	GC, FO
Fire-resistant Penetrations and Joints	BC 1704.27	PL, SP, SD, AN, GC, MS, BE, ST, FO
Flood Zone Compliance (attach FEMA elevation/dry floodproofing certificate where applicable)	BC 1704.29 BC G105	AN, SG, GC*, MS*, BE*, ST*, FO*, EA*
Fuel-Oil Storage and Fuel-Oil Piping Systems	BC 1704.17	PL, AN, BE*
Heating Systems	BC 1704.25	MS, BE

Helical Piles (BB # 2014-020) (TR5H)	BC 1704.8.5	GC, FO, EA, SOE, PMM
High Temperature Hot Water Piping (Welding)	BC 1704.18	PL, MS, BE
High-Pressure Fuel-Gas Piping (Welding)	BC 1704.19	PL, MS
High-Pressure Steam Piping (Welding)	BC 1704.18	MS, BE
Individual On-Site Private Sewage Disposal Systems Installation	BC 1704.22	PL
Luminous Egress Path Markings (TR7)	BC 1704.30 BC 1024.8	GC
Masonry	BC 1704.5	AN, SG, GC, ST* , FO, EA, SOE, PMM
Mastic and Intumescent Fire-resistant Coatings	BC 1704.12	GC, ST, FO
Mechanical Demolition	BC 1704.20.4	AN, GC, ST, FO, EA, SOE, PMM
Mechanical Systems	BC 1704.16	AN, MS**
Post-installed Anchors (BB# 2014-018, 2014-019)	BC 1704.32	PL, SP, SD, AN, SH, SF, SG, GC, MS, BE, ST, FO, EA, SOE, PMM
Private On-Site Storm Water Drainage Disposal Systems, and Detention Facilities Installation	BC 1704.21.2	PL, GC
Raising and Moving of a Building	BC 1704.20.5	ST* , FO
Seismic Isolation Systems	BC 1707.8	AN, GC, ST, FO, SOE
Smoke Control Systems	BC 1704.15	MS
Soil Percolation Test - Individual On-Site Private Sewage Disposal Systems	BC 1704.22	PL
Soil Percolation Test - Private On-Site Storm Water Drainage Disposal Systems, and Detention Facilities	BC 1704.21.1.2	PL
Sprayed fire-resistant materials	BC 1704.11	GC, ST, FO
Sprinkler Systems	BC 1704.23	SP**
Standpipe Systems	BC 1704.24	SD**
Structural Cold-Formed Steel	BC 1704.3.4	AN, SG, ST* , FO, EA, SOE, PMM

Structural Stability – Existing Buildings	BC 1704.20.1	AN, SG, GC*, MS*, ST*, FO*, EA*, SOE*, PMM*
Structural Steel – Details	BC 1704.3.2	AN, SH, SG, ST*, FO, EA, SOE, PMM
Structural Steel – High Strength Bolting	BC 1704.3.3	AN, SH, SG, ST, FO, EA, SOE, PMM
Structural Steel – Welding	BC 1704.3.1	AN, SH, SG, ST, FO, EA, SOE, PMM
Subgrade Inspection	BC 1704.7.1	AN, SG, ST, FO, EA, SOE, PMM
Subsurface Conditions – Fill Placement & In-Place Density	BC 1704.7.2	AN, SG, ST, FO, EA, SOE, PMM
	BC 1704.7.3	
Subsurface Investigations (Borings/Test Pits) (TR4)	BC 1704.7.4	PL, SG, GC, FO, EA, SOE, PMM
Underpinning	BC 1704.20.3	GC, FO, EA, SOE, PMM
	BC 1814	
Vertical Masonry Foundation Elements	BC 1704.9	AN, GC, FO, EA, SOE, PMM
Wall Panels, Curtain Walls, and Veneers	BC 1704.10	GC, ST
Wood – Installation of High-Load Diaphragms	BC 1704.6.1	ST, FO, EA, SOE, PMM
Wood – Installation of Metal-Plate-Connected Trusses	BC 1704.6.2	ST, FO, EA, SOE, PMM
Wood – Installation of Prefabricated I-Joists	BC 1704.6.3	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
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
Vestibules	(IIA9)	GC