



SCOPE OF ACCREDITATION TO ISO/IEC 17020:2012

CONCRETE SOLUTIONS LAB, INC.
150 Engineers Drive
Hicksville, NY 11801
Thomas Kalb 631-393-6520

INSPECTION BODY

Valid To: May 31, 2021

Certificate Number: 3785.01

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this Type A (Third Party) inspection body for the following Special Inspections and has been assessed against the applicable New York City Special Inspection requirements for the specific inspections identified below:

Description of Inspection	Procedure and/or Specification	Further Description of Inspection Activities	Product Type
Special Inspections	Rules of the City of New York, IRCNY 101-06, Appendix A; New York City Building Codes; The International Building Codes (IBC) 2014	The inspection of quality, workmanship and requirements for construction. Materials, inspection and testing shall conform to applicable standards listed in the family of Codes based on the International Building Codes (IBC) and each state's modifications to these codes and to the rules of the Local Code Officials. Specifically, New York City Chapter 1 of Title 28 of the Administrative Code for additional provisions relating to materials, testing and inspections.	
General Building Construction			
Wall Panels, Curtain Walls and Veneers	BC 1704.10	Compliance with filed plans, approved submittals and In-House Procedure 27	General Building Construction
Exterior Insulation Finish Systems (EIFS)	BC 1704.13	Compliance with filed plans and In-House Procedure 28	General Building Construction
Chimneys	BC 1704.26; BC 1707.7	Compliance with filed plans, approved submittals, and In-House Procedure 12	General Building Construction

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Flood Zone Compliance	BC G105; BC 1704.29	Compliance with filed plans, approved submittals	General Building Construction Class 2 Buildings
Luminous Egress Path Markings	BC 1704.30; BC 1024.8	Compliance with filed plans, approved submittals	General Building Construction
Fire Protection System & Fire-Resistant Construction			
Sprayed Fire-Resistant Materials and Mastic and Intumescent Fire-Resistant Coating	BC 1704.11; BC 1704.12	Compliance with filed plans, approved submittals, and In-House Procedure 4	Fire Protection System & Fire-Resistant Construction
Smoke Control Systems	BC 1704. 15; BC 909	Compliance with filed plans, approved submittals, and In-House Procedure 14	Fire Protection Systems & Fire-Resistant Construction
Sprinkler Systems and Standpipe System	BC 1704.23; BC 1704.24; BC 903	Compliance with filed plans, approved submittals	Fire Protection System & Fire-Resistant Construction
Fire-resistant Penetrations and Joints	BC 1704 27	Compliance with filed plans, approved submittals, and In-House Procedure 5	Fire Protection System & Fire-Resistant Construction
Emergency and Standby Power Systems (Generators)	BC 1704.31; BC 1707.7; BC 2702	Compliance with filed plans, approved submittals	Fire Protection System & Fire-Resistant Construction
Plumbing & Mechanical Systems			
Mechanical Systems	BC 1704.16; BC 507.16; NYCMC 1011; NYCMC 1018; NYCMC 1208	Compliance with filed plans, approved submittals	Plumbing & Mechanical Systems
Fuel-Oil Storage & Fuel-Oil Piping Systems	BC 1704.17; BC 1707.7; Manufacturer Instructions	Compliance with filed plans, approved submittals	Plumbing & Mechanical Systems
Private On-Site Storm Water Disposal Systems and Detention Facilities, and Individual On-Site Private Sewage Disposal Systems Installation – including Soil Percolation Tests for septic and drywell	BC 1704.21; BC 1704.22; BC 1704.21.1.2	Compliance with filed plans, approved submittals, and In-House Procedure 23	Plumbing and Mechanical Systems



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Heating Systems	BC 1704.25; BC 1707.7	Compliance with filed plans, approved submittals, and In-House Procedure 16	Plumbing and Mechanical Systems
Structural Materials & Construction Operations			
Structural Cold-Formed Steel	BC 1704.3.2; BC 1704.3.4	Compliance with filed plans, approved submittals	Structural Materials & Construction Operations
Structural Steel – High-Strength Bolting	BC 1704.3.3	Compliance with filed plans, approved submittals.	Structural Materials & Construction Operations
Structural Steel -- Welding	BC 1704.3.1	Compliance with filed plans, approved submittals.	Structural Materials & Construction Operations
Structural Steel -- Detail	BC 1704.3.2	Compliance with filed plans, approved submittals.	Structural Materials & Construction Operations
Concrete-Cast-in-Place & Precast (Note: Licensed concrete testing lab to perform sampling and testing of cylinders)	BC 1704.4	Compliance with filed plans, approved submittals, and In-House Procedure 2	Structural Materials & Construction Operations
Masonry	BC 1704.5	Compliance with filed plans, approved submittals, and In-House Procedure 6	Structural Materials & Construction Operations
Wood Construction – Prefabricated Wood I-Joists, Metal-plate Connected Wood Trusses, and High-load Diaphragms	BC 1704.6	Compliance with filed plans, approved submittals	Structural Materials & Construction Operations
Subsurface Conditions-Subgrade Inspection	BC 1704.7.1	Compliance with filed plans, approved submittals, and In-House Procedure 19	Structural Materials & Construction Operations
Subsurface Conditions – Fill Placement, In place Density	BC 1704.7.2; BC 1704.7.3; BC 1803.5	Compliance with filed plans, approved submittals, and In-House Procedure 1	Structural Materials & Construction Operations



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Subsurface Investigations, (Borings & Test Pits)	BC 1704.7.4; BC 1802; BC 1704.21.1.1	Compliance with filed plans, approved submittals, and In-House Procedure 17	Structural Materials & Construction Operations
Deep Foundations	BC 1704.8; BC 1808; BC 1809; BC 1810	Compliance with filed plans, approved submittals, and In-House Procedure 19	Structural Materials & Construction Operations
Vertical Masonry Foundation	BC 1704.9	Compliance with filed plans, approved submittals	Structural Materials & Construction Operations
Underpinning	BC 1704.20.3; BC 1814	Compliance with filed plans, approved submittals, and In-House Procedure 20	Structural Materials & Construction Operations
Structural – Stability – Existing Buildings, Mechanical Demolition, and Raising and Moving of a Building	BC 1704.20; BC 3304.4.1	Compliance with filed plans, approved submittals, and In-House Procedure 21	Structural Materials & Construction Operations
Excavation-Sheeting, Shoring and Bracing	BC 1704.20.2-20.10; NYCBC 3304.4.1	Compliance with filed plans, approved submittals, and In-House Procedure 22	Structural Materials & Construction Operations
Seismic Isolation Systems	BC 1707.8	Compliance with filed plans, approved submittals, and In-House Procedure 26	Structural Materials & Construction Operations
Post-Installed Anchors	BC 1704.32	Compliance with filed plans, approved submittals	Structural Materials & Construction Operations
Helical Piles	BC 1704.8.5	Compliance with filed plans, approved submittals	Structural Materials & Construction Operations
Standard Specification for Agencies Engaged in Construction Inspection, Testing or Special Inspection	ASTM E329-14	This specification defines the minimum requirements for agencies engaged in: a) Inspection of construction activities and materials used in construction, b) Testing of construction activities and materials used in construction, and c) Special Inspection	



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Standard Specification for Agencies Engaged in Construction Inspection and/or Testing	ASTM E329-07	This specification defines the minimum requirements for inspection agency personnel or testing agency laboratory personnel, or both, and the minimum technical requirements for equipment and procedures utilized in the testing and inspection of construction and materials used in construction.	





Accredited Inspection Body

A2LA has accredited

CONCRETE SOLUTIONS LAB, INC.

Hicksville, NY

for technical competence in and compliance with the

Inspection Body Accreditation Program

This inspection body is accredited in accordance with the recognized International Standard ISO/IEC 17020:2012 *Conformity Assessment – Requirements for the operation of various types of bodies performing inspection*. This accreditation demonstrates technical competence for a defined scope and the operation of a quality management system.



Presented this 15th day of March 2019.

A blue ink signature of the Vice President of Accreditation Services.

Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 3785.01
Valid to May 31, 2021
Revised April 27, 2020

For the inspections to which this accreditation applies, please refer to the organization's Inspection Body Scope of Accreditation.