SCOPE OF ACCREDITATION TO ISO/IEC 17020:2012

VTEC LABORATORIES, INC.
212 Manida Street
Bronx, NY 10474
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INSPECTION BODY

Valid To: April 30, 2023 Certificate Number: 2805.02

In recognition of the successful completion of the A2LA evaluation process accreditation is granted to this organization for the following Type A (Third Party) Construction Inspections:

Description of Inspection(s)	**Procedure and/or Specification**	**Further Description of Inspection Activities**	**Product Types**
Ceiling Assembly Inspection	Floor/Ceiling Procedure VTEC Procedure IP-003	1. Measure thickness of cement board or concrete. 2. Corrugated deck: measure/sketch corrugations. Gauge thickness deck and coating (thickness). 3. Measure height of joist. Identify all components of joist. Describe welds. 4. Drop ceiling describe components/manufacturer design. 5. Gypsum ceiling, thickness and type. 6. Insulation, thickness and type.	Floor/Ceiling inspection fabricated of deck/concrete or cement board. Metal deck attached to steel joists, welded or fastened. Concrete filled or cement board. Drop ceiling installed or gypsum board.

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Description of Inspection(s)	Procedure and/or Specification	Further Description of Inspection Activities	Product Types
Gypsum Board Inspection	Gypsum/Type Boards Procedure VTEC Procedure IP-005	1. Measure thickness density. 2. Processing. 3. Raw materials. 4. Retain sample for analysis@ VTEC-ISI. 5. Standard sized and labelling.	Gypsum wall boards or similar used in construction for fabricating fire rated walls and ceiling assemblies. Fabrication of Gypsum or Gypsum Type Boards for Walls and Ceilings.
Metal Joist Inspection	Metal Joist Procedure VTEC Procedure IP-001	1. Measure all sizes of angles, rebars, and metal sections with calibrated digital calipers. 2. Verification of steel quality via invoices or ISO lab reports. 3. Measure weld, length, and frequency. 4. Determine straightness.	Metal joist composed of structural metal components welded into specific configurations. Metal structural angles with structural rebars welded into sections for floor/ceiling supports.
Metal Stud Inspection	Metal Stud Procedure VTEC Procedure IP-002	1. Measure all dimensions including legs, base, and thickness with calibrated digital caliper. 2. Determine coating type, gauge, and thickness. 3. Verify metal by supplier documents or ISO lab report. 4. Define type of coating via documents or reference piece for analysis. 5. Check for straightness.	Metal studs used in construction for wall assembly standard configuration “C” channel, thickness varies.

Description of Inspection(s)	Procedure and/or Specification	Further Description of Inspection Activities	Product Types
Wall Assembly Inspection	Wall Assembly Procedure VTEC Procedure IP-004	1. Wall boards type and thickness. 2. Studs, material gauge, dimensions, coating. 3. Insulation type and density thickness. 4. Overall dimension. 5. Fastener size and spacing.	Wall assembly composed of gypsum board with wood or steel studs/track. Steel or wood joists with gypsum board or similar material walls for interior or exterior applications.
Standard Specification for Agencies Engaged in Construction Inspection, Testing or Special Inspection	ASTM E329	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	

This inspection body has also been assessed against the applicable New York City Special Inspection requirements for the specific inspections identified below:

Description of Inspection(s)	**Procedure and/or Specification**	**Further Description of Inspection Activities**	**Product Types**
Sprayed Fire-resistant Materials and Mastic and Intumescent Fire-resistant Coatings (Paint and Coating Inspection)	Coating Procedure VTEC Procedure IP-007 ASTM E736, E695 and E1513 NYC Building Code 1704.11 and 1704.12	1. Determine condition of bare surface and surface preparation. 2. Measure thickness of wet and dry primer and coatings(s). 3. Monitor environmental conditions in respect to application (temp, BP, RH, and dew point). 4. Materials records for the name, manufacturer and lot number for all components.	Coating Preparation and Thickness (analyse coating layers and surface).
Photoluminescence Inspection	Photoluminescence Procedure VTEC Procedure IP-006 NYC Building Code 1704.30 and 1024.8	1. Measure length and thickness. 2. Processing and chemistry 3. Raw Materials. 4. Retain sample for analysis at VTEC-ISI. 5. Standard sizing and labelling.	Photoluminescent signs (running man, exit signs or directional signs) used in Buildings for providing safety information in less than adequately illuminated hallways, stairwells, and doorways. Fabrication of Photoluminescent type signs for walls and stairs.

Accredited Inspection Body

A2LA has accredited

VTEC LABORATORIES, INC.

Bronx, NY

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 22nd day of July 2021.

Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 2805.02
Valid to April 30, 2023

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