



MBE Certified

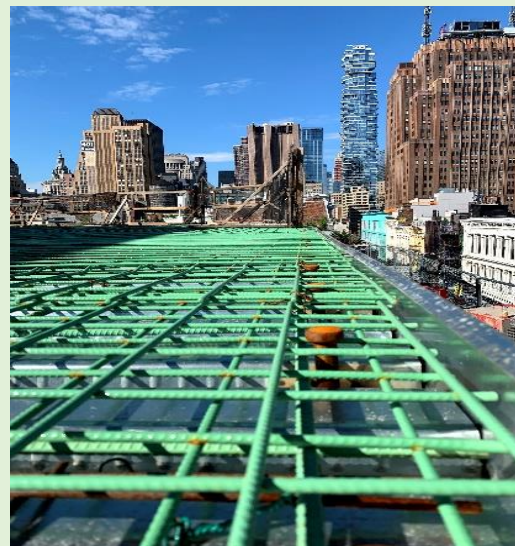
P.E Construction & Consulting Services, LLC

CONSTRUCTION MATERIAL TESTING & SPECIAL INSPECTION

Quick Response, Excellent Quality, Quality Control and Quality Assurance, Field Testing and Laboratory Testing

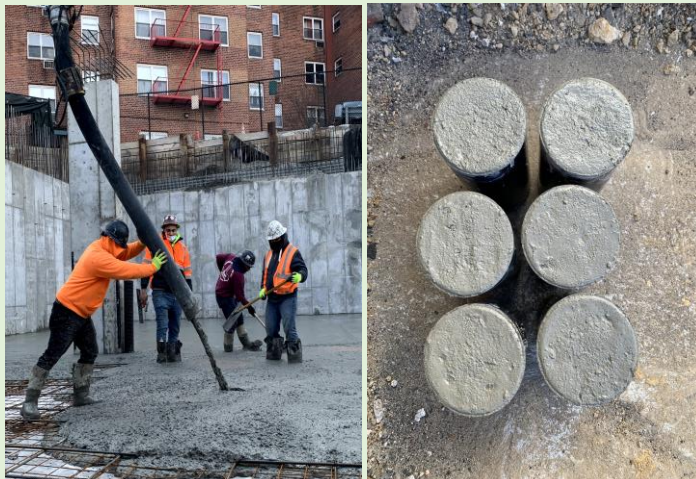
COMPANY BACKGROUND AND EXPERTISE

P.E Construction & Consulting Services, LLC is minority own business and licensed special inspection agency composed of proven staff of qualified Special Inspectors, Structural Engineers, Geotechnical Engineers, Laboratory Technicians and Environmental Scientists who are experts in performing Special Inspection and Testing services. P.E Construction & Consulting Services commitment to Quality Control/Quality Assurance ensures consistent, accurate and value-added engineering. This commitment has enabled P.E Construction & Consulting Services to contribute to the successful development of many large-scale projects in Northeastern America.



EPOXY REBAR CONSTRUCTION INSPECTION

CONSTRUCTION MATERIAL TESTING & SPECIAL INSPECTION



CONCRETE PLACEMENT & FIELD TESTING

Quality is at the heart of all our projects. Our quality plan emphasizes the need for the job to be done the correct way the first time, allowing our projects to stay on schedule and resulting in savings for our clients. With practical experience in the construction industry, we are well positioned to help guide your unique project to successful completion.



MBE Certified

P.E. Construction & Consulting Services, LLC

SPECIAL INSPECTION SERVICES

We are a multi-disciplinary engineering firm and offer a range of professional services. This includes inspection of selected materials, equipment, installation, methods of construction, fabrication, erection or placement of components and connections, to ensure compliance with approved construction documents and referenced standards as required by Chapter 17 of the Building Code or elsewhere in the code or its referenced standards. P.E. Construction & Consulting Services is licensed to perform Inspections for the following Categories etc.:

- Reinforced Concrete
- Soils - Fill placement and in place density testing
- Subgrade inspection
- Subsurface investigations (borings and test pits)
- Deep dynamic compaction
- Helical Pile Foundations
- Underpinning
- Structural Masonry (reinforced mortar & grout)
- Structural Steel (Welding & High Strength Bolting)
- Sprayed Fire-Resistant Materials, Mastic and Intumescent Fire-Resistant Coatings
- Exterior Insulation and Finish Systems (EIFS)
- Pull Testing
- SOE Design & Inspection



WELDING INSPECTION



STEEL CONSTRUCTION INSPECTION



SOLAR SUBSTATION INSPECTION



PRE-CAST PLANT INSPECTION

- Post-Installed Concrete Anchor Insp.
- Pre-Cast Concrete Erection
- Pre-Cast Concrete Fabrication
- Pre-Stressed Concrete
- Post Tension Concrete
- Vertical Concrete Foundations (Caissons and Piers)
- Commercial Modular Buildings or Components
- Wall Panels, Curtain Walls & Veneers
- Wood Construction
- Excavation (Sheeting, Shoring and Bracing)
- Structural and Non-Structural Seismic Resistance
- Facility Inspection
- Façade Inspection



MBE Certified

P.E. Construction & Consulting Services, LLC

SAMPLE PROJECTS



WATER TANK CONSTRUCTION



UNDERPINNING INSPECTION

Nutmeg Solar Substation ~ Enfield, CT
North Wales Water Authority ~ PA
Hudson Yards ~ NY
World Trade Center ~ NY
Commonwealth Road Constr ~ Hempstead, NY
Cornell University ~ NY
IBM ~ South Brunswick, NJ

Greenlawn Water District ~ Commack, NY
Exton Square Mall ~ Exton, PA
The St. Regis Residence ~ Rye, NY
Fort Miller Pre-Cast Plant ~ Greenwich, NY
Apartment Complex ~ Ossining, NY
LaGuardia Airport ~ Queens, NY
The Virgin Building, Manhattan, NY



ENERGY CONSERVATION & MECHANICAL



ROAD CONSTRUCTION SUPERVISION



MBE Certified

P.E Construction & Consulting Services, LLC

P.E CONSTRUCTION & CONSULTING SERVICES OFFERS A FULL RANGE OF SPECIAL INSPECTIONS

SPECIAL INSPECTION AGENCY LICENSE # 008047

Special Inspection Category	2014 Code Section
1. General Building Construction	
Wall Panels, Curtain Walls and Veneers	BC 1704.10
Exterior Insulation Finish Systems (EIFS)	BC 1704.13
Chimneys	BC 1704.26
Flood Zone Compliance	BC 1704.29 and G105
Luminous Egress Path Markings	BC 1704.30 and 1024.8
2. Fire Code	
Sprayed Fire-resistant Materials	BC 1704.11
Mastic and Intumescent Fire-resistant Coatings	BC 1704.12
Smoke Control Systems	BC 1704.15
Sprinkler Systems	BC 1704.23
Standpipe Systems	BC 1704.24
Fire-Resistant Penetrations and Joints (Firestop)	BC 1704.27
Emergency & Standby Power Systems (Generators)	BC 1704.31
3. Mechanical/Fuel Gas/Plumbing Code	
Mechanical Systems	BC 1704.16
Fuel-Oil Storage and Fuel-Oil Piping Systems	BC 1704.17
Soil Percolation Test – Storm Water Systems (Dry Well)	BC 1704.21.1.2
On-Site Storm Water Drainage/Detention Installation (Dry Well)	BC 1704.21.2
Individual On-Site Private Sewage Disposals Systems Installation	BC 1704.22
Soil Percolation Test – Individual On-Site Private Sewage Disposals (Septic)	BC 1704.22
Heating Systems	BC 1704.25



MBE Certified

P.E. Construction & Consulting Services, LLC

4. Construction Operation/Structural Observation

Structural Steel - Welding	BC 1704.3.1
High-Pressure Steam Piping (Welding)	BC 1704.18
High Temperature Hot Water Piping (Welding)	BC 1704.18

5. Structural Steel(Welding, Bolting, NDT), Structural Wood, Geo-Technical

Fuel-Gas Piping (Welding)	BC 1704.19
Aluminum Welding	BC 1704.28
Structural Steel – Details	BC 1704.3.2
Structural Steel High-Strength Bolting	BC 1704.3.3
Structural Cold-Formed Steel	BC 1704.3.4
Concrete - Cast-in-place	BC 1704.4
Concrete - Precast	BC 1704.4
Concrete - Prestressed	BC 1704.4
Masonry	BC 1704.5
Wood - Installation of High-Load Diaphragms	BC 1704.6.1
Wood - Installation of Metal-Plate-Connected Trusses	BC 1704.6.2
Wood - Installation of Prefabricated I-joists	BC 1704.6.3
Subgrade Inspection/Soil-Site Prep	BC 1704.7.1
Subsurface / Soil-Fill Placement In-Place Density	BC 1704.7.2 / 1704.7.3
Subsurface / Soil Investigation (Borings/Test Pits)	BC 1704.7.4
Deep Foundations / Piles	BC 1704.8
Helical Piles	BC 1704.8.5
Vertical Masonry Foundation Elements/Piers	BC 1704.9
Underpinning	BC 1704.20.3, BC 1814
Structural Stability-Existing Buildings	BC 1704.20.1
Excavation - Sheet piling, Shoring and Bracing	BC 1704.20.2
Mechanical Demolition	BC 1704.20.4
Raising and Moving of a Building	BC 1704.20.5
Seismic Isolation Systems	BC 1707.8
Post-Installed Anchors	BC 1704.32



MBE Certified

P.E. Construction & Consulting Services, LLC

ACCREDITATION ~ CERTIFICATION ~ MEMBERSHIP

P.E. Construction & Consulting Services, LLC and its multi-skilled team are heavily certified and members of the esteemed organizations.

- NorthEast Transportation Training and Certification Program (NETTCP)
- American Concrete Institute (ACI)
- American Welding Society (AWS)
- American Association of State Highway and Transportation Officials (AASHTO)
- International Code Council (ICC)
- New York Construction Material Association/Alfred State (NYCMA QC/QA)
- National Institute for Certification Engineering Technologies (NICET)
- Precast/Prestressed Concrete Institute (PCI)
- New York City Department of Buildings (NYCDOB)
- New York City Department of Small Business Services (SBS)
- The Port Authority of New York and New Jersey (PANYNJ)



MASONRY INSPECTION



NUCLEAR GAGE TESTING



MBE Certified

P.E. Construction & Consulting Services, LLC



SOIL COMPACTION



PULL TESTING



SOE ENGINEERING DESIGN & INSPECTION



CONCRETE FIELD TESTING

P.E. Construction & Consulting Services are your go to inspection firm for quality assurance, quality control and material testing in the Tri-State Area. We look forward to serving you.

1424 Troy Avenue, Brooklyn NY 11203, Tel. 917.270.7213 * 973.953.5641 * office@peconsulting.net