

CONCRETE INSPECTION AND TESTING SERVICES



WE KNOW WHAT IT TAKES TO BE THE LEADER



UNIVERSAL TESTING + INSPECTION SERVICES, INC. (UNIVERSAL)

is a nationally accredited professional services firm with comprehensively broad expertise in construction materials testing, special inspections, support engineering and geotechnical/ environmental services and drilling. Since our inception 25 years ago, Universal has firmly established itself as an industry leader and has evolved into one of the largest full-service regional providers of professional, technical services to a broad-base of clients and projects ranging from straightforward fit outs to multibillion-dollar complex programs.

After establishing a solid corporate history that spans more than 25 years, we are no longer just the construction materials testing lab that forged our outstanding reputation and trusted name. We have expanded our services and capabilities over the years, building expertise to fit broader markets and industries. Our Team brings a multi-disciplinary proactive approach to the complex challenges of our clients. Our expertise is complemented and supported by one of the largest comprehensive private construction materials testing laboratories in the Northeast and Mid-Atlantic, United States.

FIRM QUALIFICATIONS

Universal is one of only a few New York based firms that are both Nationally Accredited as a Special Inspection Agency through the International Accreditation Service (IAS) and AASHTO Accredited as a Construction Materials Testing Facility. Our IAS Accreditation consists of an unmatched (53) special inspections categories in all (7) major construction sequences which are: General Building, Fire Code, Plumbing & Mechanical, Structural Materials, Fabricated Materials, Structural and Progress Inspections.

Universal is Nationally Accredited through AASHTO R18 Program- American Association of State Highway and Transportation Officials AAP Program in various material categories such as; soils, portland cement, concrete, aggregates hot mix asphalt and Spray-on Fireproofing. We are also routinely inspected by CCRL- Cement and Concrete Reference Laboratory of National Bureau of Standards and Technology.

AASHTO R18 Nationally Accredited (E-329, C1077 & C1093)

Asphalt | Concrete | Soil | Aggregates | Spray-on Fire Resistive Materials



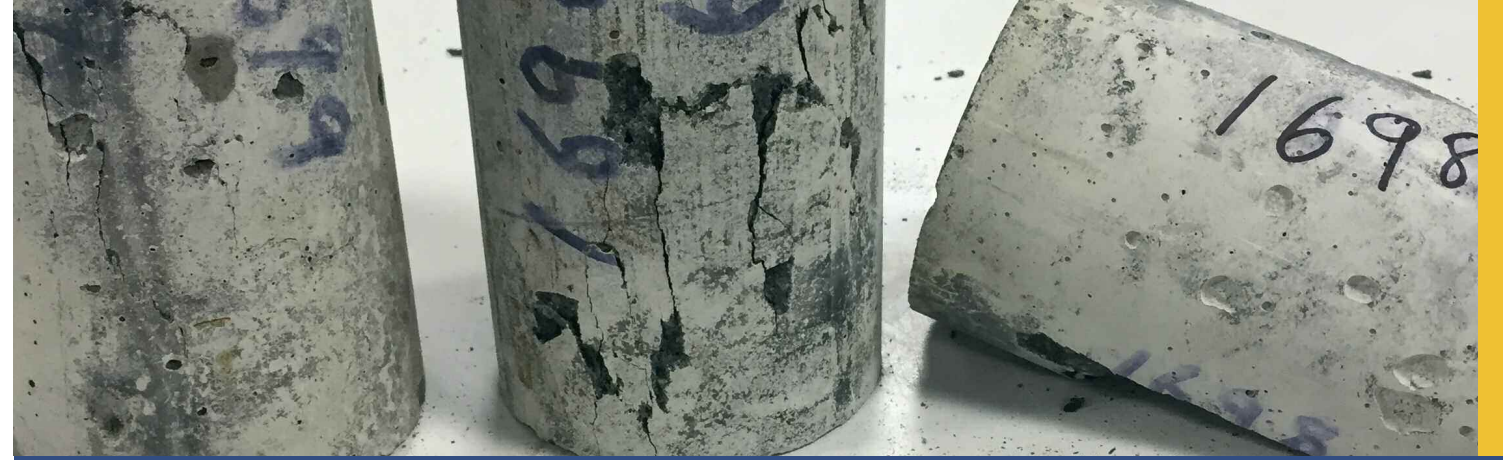
Cement and Concrete Reference Laboratory (CCRL)

Concrete | Aggregates | CMU



International Accreditation Service (IAS)

Special Inspection Agency (SIA-224NY)



MARKETS & INDUSTRIES SERVED

- Mass Transit | Tunnels | Subways
- Railroad | Light-rail Construction
- Educational Facilities (K-12) | Colleges | Universities
- Highways | Interstates | Bridges
- Power Plants | Pipeline | Utility | Renewable Energy
- Hospitals | Health Care Facilities
- High-rise | Low-rise Building
- Correctional Facilities
- Airport Terminals | Runways
- Stadiums and Arenas
- Landfill | Recycling Facilities
- Manufacturing | Fabricators
- Harbors | Marine
- Ship and Vessel Building
- Aviation Industry
- Retail & Big Box Chains

SERVICE OVERVIEW

At Universal, we take great pride in owning and maintaining one of the most equipped and expansive operations in the New York Tri-State area. At present, NO other special inspection, construction materials testing laboratory or engineering/ architectural firm is as well-equipped, experienced and immediately ready to support our client's project needs throughout the entire construction sequence by offering a true full- services platform as we do! Our services include:

- Construction Materials Testing and Evaluations
- Special Inspections
- Progress Inspections
- Energy Code Compliance
- Geotechnical/ Environment Drilling and Test Borings
- Coring Drilling
- Environmental Services
- Pre/ Post Construction Surveys
- Specialty and Nondestructive Testing Services
- Pavement Services
- Vibration Monitoring
- Mobile On-Site CMT Laboratories
- Forensic Evaluations
- Materials Evaluation and QA Certification
- Onsite Sampling and Laboratory Testing of Construction Materials
- Quality Assurance & Quality Control

SERVICE OVERVIEW (CONT'D)

Universal's Concrete Department is comprised of over 50 professionals, consisting of: Professional Engineers, Registered Architects, ACI Field Techs, ACI Special Inspectors, ICC Special Inspectors, ACI Laboratory Techs, NDT Techs and Core Drillers. Our staff possesses extensive experience with all concrete mix types, specializing in: high strength, self-consolidating, high early and light-weight. Our vast project experience ranges from high-rise building to major airport runways to subway tunnels. Our services include, but are not limited to:

FIELD SERVICES

- Peer Review, Consulting & Third Party Oversight
- Field Inspections (slump, spread, air content, unit weight, temp, cast cylinders, mix verification)
- Special Inspections
- Batch Plant Inspection
- Microwave Testing
- Materials, Source & Plant Verification/Inspection
- Corrosion & Crack Mapping
- Core Drilling
- Rebar Scanning & Locating (GPR)
- Floor Flatness & Levelness Survey
- Accelerated Aging & Maturity Monitoring
- Nondestructive Testing- Windsor Probe/Pin
- Slab Moisture Testing
- Pavement Smoothness & Ride Ability Profiling
- NYCDOB BPP Services – Sidewalk Affidavit Service
- ASTM Approved Curing Box Rentals
- Onsite Mobile Field Lab

LABORATORY TESTING

- Compressive Strength Testing (Cylinders, Cubes, Beams, Cores)
- Flexural Strength Testing
- Block / Brick / Prism Testing
- Rapid Freeze Thaw Testing
- Petrographic Analysis Management
- Alkali Silica Reaction (ASR)
- Modulus of Elasticity (MOE)
- Permeability & Absorption
- Coulomb Testing
- Cylinder End Gridding
- Core Analysis

ONE COMPANY. ONE CALL. ONE SOLUTION.

