



Soil/Asphalt Testing



Ninyo & Moore Laboratory

Firm Background

Established in San Diego in 1986, Ninyo & Moore is one of the largest engineering firms specializing in Geotechnical Engineering, Environmental Engineering and Materials Testing and Inspection Services. Engineering News Record (ENR) recognizes the firm as one of the Top 500 Design Firms in the United States.

Ninyo & Moore has fully equipped and certified in-house testing laboratories that offer full-service field and laboratory services for geotechnical design, and soil and materials testing projects.

Professional Staff

Ninyo & Moore's staff of 550 certified and registered professionals includes:

- Geotechnical engineers
- Civil engineers
- Engineering geologists
- Hydrogeologists
- Geophysicists
- Field technicians
- Special inspectors
- Environmental engineers
- Environmental scientists
- Industrial hygienists
- Asbestos consultants
- Safety professionals
- Indoor environmental consultants
- Microbial consultants
- Lead consultants
- Qualified SWPPP developers/practitioners
- Hazardous waste and regulatory compliance specialists

Locations

Ninyo & Moore has offices located in the western United States, including California, Arizona, Nevada, Colorado, Utah, and Texas.

Contact Us

800.427.0401 or
nminquiries@ninyoandmoore.com

Ninyo & Moore's accredited laboratories provide full-service soils and construction materials testing services. Our laboratories are under the supervision of licensed professional engineers. Ninyo & Moore's Quality Assurance Program is designed to provide confidence that the testing or inspection function is being performed in accordance with established procedures and standards.

Ninyo & Moore's laboratories are capable of performing a wide variety of geotechnical and materials testing services, including testing of:

- Soils
- Aggregates
- Bituminous materials/asphalt concrete
- Masonry
- Portland cement concrete
- Reinforced concrete
- Prestressed concrete
- Structural steel
- Reinforcing steel
- Welding
- High strength bolts
- Roof tiles
- Fireproofing

Laboratory Testing Equipment

Ninyo & Moore's testing facilities are fully equipped with an array of testing apparatus. Some of these include:

- Universal tester
- Asphalt-kneading/compactor
- Asphalt ignital oven
- Gyrotory compactor
- Consolidometers
- Los Angeles abrasion testing machine
- Aggregate jaw crusher
- Automated direct shear apparatus
- Triaxial shear machine
- Soil corrosion, pH, resistivity, sulfate, chloride equipment
- 1 Million pound compression machine
- Concrete coring equipment
- Temperature and humidity-controlled concrete curing facilities
- Masonry core shear apparatus
- Rebar bending machine
- Rockwell hardness tester
- Nondestructive Testing MT, PT, UT equipment
- Marshall Compactor and Stability Tester

Testing equipment is calibrated annually by representatives utilizing equipment traceable to the National Institute of Standards and Technology.

Testing Equipment is regularly inspected by the Cement and Concrete Reference Laboratory (CCRL).

Ninyo & Moore has the resources to establish an on-site mobile laboratory as may be required by the project specifications and/or in order to reduce sample transportation time.



One Million Pound
Compression Machine



Consolidation Testing



Universal Testing Machine



Triaxial Test Procedure

Laboratory Testing Accreditations

Ninyo & Moore's Testing Laboratories have been inspected and/or accredited by:

- AASHTO re:source (formerly AMRL)*
- Cement and Concrete Reference Laboratory (CCRL)
- International Code Council (ICC)
- A2LA
- Arizona Department of Transportation (ADOT)
- California Department of Transportation (Caltrans) *
- California Division of the State Architect (DSA)
- City of Los Angeles
- City of San Diego
- Clark County
- NAQTC
- Nevada Department of Transportation (NDOT)
- USACE
- USDA

Our laboratories participate in soil, asphalt, and concrete proficiency sampling programs with CCRL, AASHTO re:source (formerly AMRL), Caltrans, and CDOT.

* Accreditation requires participation in the reference sample program. Results from these samples are scored with laboratories at the Statewide / National levels.



Consolidation Testing



Ninyo & Moore Mobile Laboratory