



## Construction Materials Testing Answers

Sci-Tek can provide construction materials testing for asphalt, soil, and concrete in compliance with ASTM standards

Sci-Tek provides comprehensive testing support during site preparation, fill embankment construction, and foundation construction to facilitate work in accordance with geotechnical recommendations.

### Field and Laboratory Testing:

**Field and laboratory** testing for soil and concrete are provided, inclusive of:

- Nuclear density testing of soil, asphalt, concrete, and other materials;
- Nuclear density testing for roof leak surveys; i.e., moisture surveys of flat roofs to facilitate leak source location;
- Caisson and pile construction monitoring support;
- Soil, asphalt, and concrete sampling and testing;
- Slump, temperature, air entrainment, and density of wet concrete; and
- Concrete test cylinder curing and unconfined compression testing.

All work is performed in accordance with ASTM specifications and standards. In addition, we are able to perform subsurface investigations for the site grading, inclusive of fill, soil, and rock conditions.

### Compressor Station Design:

**Compressor Station Design Services, (Major Energy Firm)** - Sci-Tek provided geotechnical engineering and soil and construction materials testing services for two design-build compressor station projects in Southwestern PA. The soil and concrete quality control testing services performed during construction included moisture content, USCS soil classification, soil direct shear, consolidation, and rock unconfined compression and point load testing. All tests were performed in accordance with ASTM specifications and standards.



Certified MBE