



FIRM OVERVIEW

Introduction

Testing Engineers & Consultants, Inc. (TEC), a City of Detroit Certified Detroit-based and Woman-owned Enterprise (WBE), provides engineering consultation and testing services in the geotechnical, environmental, industrial hygiene, building & infrastructure and construction disciplines. Personnel are experienced in a wide variety of inspection, sampling and testing methods used in the field and laboratory. Results from field testing and laboratory analysis typically determine compliance of materials, conditions and workmanship with appropriate specifications, standards and regulations. TEC, founded in 1966, has offices in Detroit, Troy, and Ann Arbor.

Staff

TEC's staff of approximately 75 includes Geotechnical Engineers, Civil Engineers, Environmental Engineers, Environmental Scientists, Geologists and Industrial Hygienists. Certified technicians and an experienced administrative team support these professionals. Corporate encouragement of professional development has motivated many individuals to achieve additional education, professional registration or certification in their chosen technical disciplines.

Quality Assurance

TEC's pledge to quality assurance emphasizes the competence of field and laboratory personnel, integrity of test results and proper maintenance of records. Report forms for documenting field and laboratory tests and inspections are designed to clearly represent test data and observations. A registered Professional Engineer oversees projects to provide frequent review of work quality and proper communication between client and staff.

TEC participates in proficiency testing through the AASHTO Materials Reference Laboratory, MDOT and NIOSH (National Institute of Occupational Safety and Health).

Equipment & Lab

To minimize start times and coordination of outside resources, TEC utilizes *its own fleet of drill rigs*. TEC is equipped with five in-house drill rigs which include two ATV rigs: All rigs are capable of SPT, Shelby Tube and Piston sampling and two rigs include direct push capabilities.

TEC owns a full complement of additional sampling and evaluation tools such as coring machines, hand augers, portable tripod and cat-head sampling system, dynamic cone Penetrometer, vane shear, ground penetrating radar, seismographs for vibration monitoring and slope inclinometer equipment. Our engineering and technical staff is experienced in many other evaluation techniques such as pressure-meter testing, dilatometer testing, cross-hole testing and other non-destructive testing methods.

TEC's lab is accredited by AASHTO and has been deemed competent by the Army Corp of Engineers to conduct materials testing services. TEC's experienced engineering technicians and engineers will perform any required laboratory testing. TEC has capabilities to perform nearly any geotechnical laboratory test in accordance with all ASTM, MDOT, AASHTO, FAA, and Michigan DOT MTM guidelines. *All results are reviewed for accuracy by Mr. Carey Suhan, PE – Senior Technical Advisor.*

Contacts:

Katherine Banicki, President – 313-837-8464 or kbanicki@tectest.com



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Carey J. Suhan, PE, Vice President & Principal – 248-588-6200 or csuhan@tectest.com

Ruben E. Ramos, PE, Vice President & Principal – 248-588-6200 or rrosos@tectest.com

Nanette M. Rose, Sr. Corp. Marketing Specialist – 248-588-6200 or nrose@tectest.com

Locations:

660 Woodward Avenue, Suite 1500
Detroit, Michigan 48226
313-837-8464 (p) • 313-837-1305 (f)

1343 Rochester Road
Troy, Michigan 48083
248-588-6200 (p) • 248-588-6232 (f)

3985 Varsity Drive
Ann Arbor, Michigan 48108
734-971-0030 (p) • 734-971-3721 (f)

Media Connections:

Twitter: <https://twitter.com/TECTESTInc>

LinkedIn: <https://www.linkedin.com/company/592516/>

Website: www.testingengineers.com