

The Robert B. Balter Company Overview

The Robert B. Balter Company: The Robert Balter Company (Balter) has long been a leader in the highly-specialized fields of Geotechnical Engineering, Quality Assurance (QA)/Quality Control (QC) Testing and Inspection, Acceptance Testing, Special Inspections, Materials Laboratory Testing and Subsurface Exploration. For over half-a-century Balter has provided inspection, testing and engineering services on over 17,500 projects located throughout the Eastern United States.

Balter personnel hold Professional Engineering and Professional Geology licenses as well as advanced certifications including CQM-certifications (USACE & NAVFAC), NICET, ACI, NASSCO, FHWA, DOT, FAA, AHERA and other nationally recognized agencies. All procedures are performed in accordance with a Quality Management System (QMS) Manual approved by accrediting agencies.

The firm's geotechnical and geo-environmental engineering department is supported by a fleet of all-terrain and truck mounted drill rigs and a full-service, accredited material testing laboratory which is operated in strict compliance to the requirements of ASTM E-329, the National Bureau of Standards, the U.S. Army Corps of Engineers, and accredited by the Washington Area Council of Engineering Laboratories (WACEL).

DRILLING CAPABILITIES...

Balter's Available Drill Rigs

- 1 - CME 75 Truck Mounted Rig
- 1 - CME 45C Truck Mounted Rig
- 1 - CME 550 ATV Rig
- 2 - CME 750 ATV Rig
- 1 - CME 750X ATV Rig
- 1 - Mobile B-45 on MT-20 Track Carrier

Drilling Equipment - Balter owns truck-mounted, all terrain, and portable drilling rigs, including support vehicles; soil and rock drilling equipment and sampling devices; calibrated automatic hammers; hollow stem augers and casing; wireline equipment (multiple sizes) for deep rock drilling and verification coring; packer equipment; inventory of materials for inclinometers, monitoring, development, and recovery wells; pumps, steam cleaners, pressure washers, and traffic control devices; environmental sampling and screening devices including Photoionization Detectors and Combustible Gas Indicators; portable mats for soft ground conditions; safety equipment; and a complete shop for repairs, maintenance, and fabrication/welding of drilling equipment. Balter's Drilling Crews consist of Maryland Master Well Drillers with OSHA and Maintenance of Traffic (MOT) training.

Balter is experienced with land and water borings, oriented coring, deep rock coring, verification coring, piezometers, monitoring wells, in-hole instrumentation, inclinometers and environmental sampling and screening.

All managers and crews have OSHA 40-hour safety training. Managers have OSHA Managers' training.



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LABORATORY CAPABILITIES...

Balter's accredited laboratories include a wide array of conventional and sophisticated machines to offer materials testing on soils, concrete, rock, aggregates, asphalt, masonry, fireproofing and other specialized tests, with data and results electronically integrated with our computer network. Our laboratories include fully automated and computerized equipment that is otherwise available chiefly in research or government institutions.

Balter has achieved one of the highest levels of materials laboratory accreditation in the nation. These include eight (8) Agency, 92 ASTM and AASHTO, and 53 USACE laboratory accreditations. Specifically, Balter offers unparalleled accreditations as a commitment to the highest standard of professional services including:

- **ASTM D3740:** Testing and Inspection of Soil and Rock in Engineering Design and Construction
- **ASTM E329:** Agencies Engaged in Construction Inspection and/or Testing
- **AASHTO R-18:** Agencies Engaged in Construction Inspection and/or Testing
- **ASTM C1077:** Testing Concrete and Concrete Aggregates
- **ASTM C1093:** Standard Practice for Accreditations for Testing Agencies in Unit Masonry
- **ASTM D3666:** Testing and Inspecting of Road Paving Materials
- **ER 1110-1-261:** US Army Corps of Engineers Validations
- **Construction Quality Management for Contractors -Certified:** USACE and NAVFAC for Inspection and Testing of Military Facilities
- **WACEL** – Soils and Concrete
- **NASSCO** – PACP, MACP and LACP for CIPP

In addition, we are a voting member of the ASTM Committee E36, the technical committee that evaluates the ASTM E329 Standard "Agencies Engaged in Construction Inspection and/or Testing." The committee consists of approximately 25 individuals who review, evaluate, and amend the Standard to establish the National Standards and Qualifications of the Agencies engaged in inspection and testing.

