

Materials Laboratory Testing

UNPARALLELED 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, fireproofing and other specialized tests.

Balter has achieved one of the highest levels of accreditation in the nation. These include eight (8) agency accreditations; 93 individual ASTM & AASHTO test procedures; and 53 USACE test procedure validations including:

- **AASHTO R-18:** *Standard Recommended Practice for Establishing and Implementing a Quality System for Construction Materials Testing Laboratories*
- **ER 1110-1-261:** *US Army Corps of Engineers Validations*
- **ASTM E329:** *Standard Specification for Agencies Engaged in Construction Inspection and/or Testing*
- **ASTM C1077:** *Standard Practice for Laboratories Testing Concrete and Concrete Aggregates for Use in Construction and Criteria for Laboratory Evaluation*
- **ASTM D3666:** *Standard Specification for Minimum Requirements for Agencies Testing and Inspecting Road and Paving Materials*
- **ASTM D3740:** *Standard Practice for Minimum Requirements for Agencies Engaged in the Testing and/or Inspection of Soil and Rock as Used in Engineering Design and Construction*
- **ASTM C1093:** *Standard Practice for Accreditations for Testing Agencies in Unit Masonry*
- **WACEL:** *Accredited Engineering Laboratory - Soils and Concrete*

PROVIDING ACCURATE RESULTS...

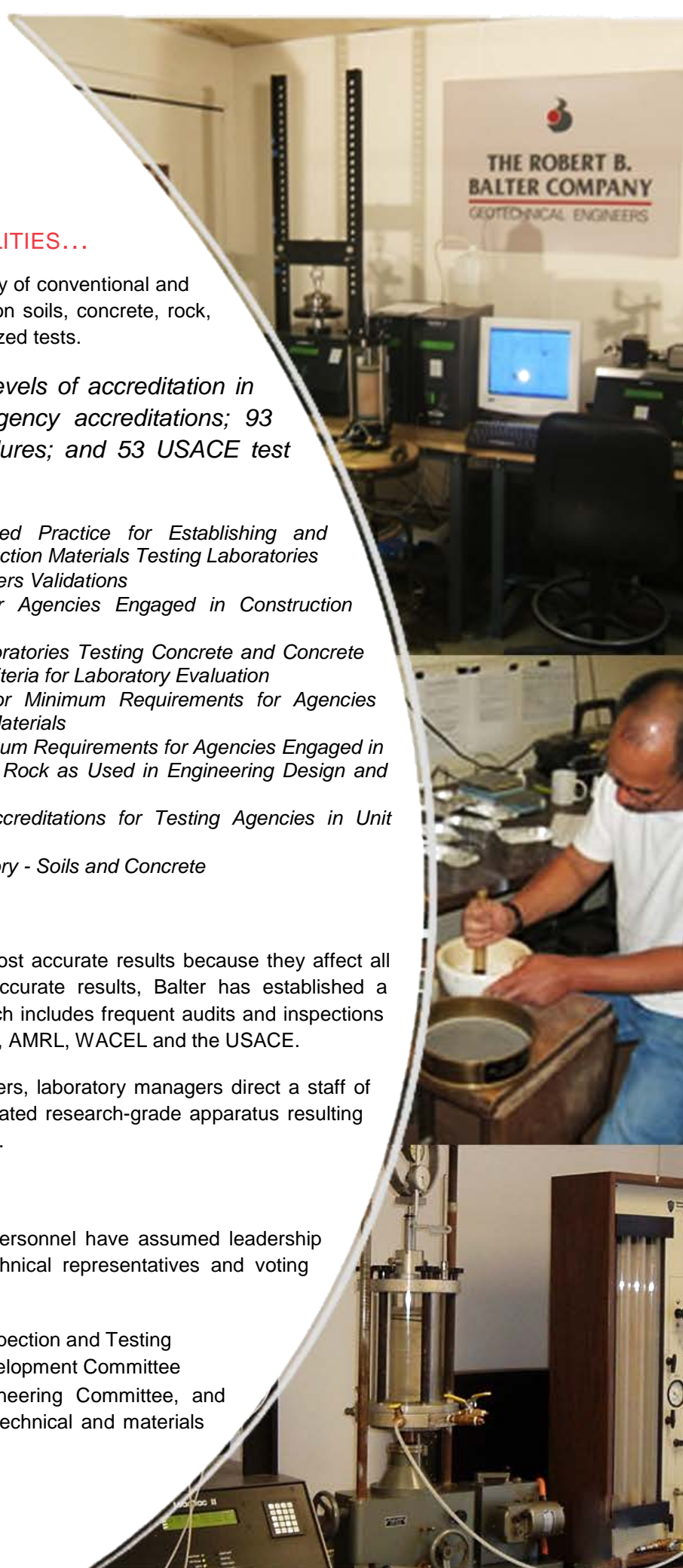
It is vitally important for our clients to have the most accurate results because they affect all design and construction issues. To ensure accurate results, Balter has established a stringent Quality Management System (QMS) which includes frequent audits and inspections by independent third party agencies such as CCRL, AMRL, WACEL and the USACE.

Under the supervision of our Professional Engineers, laboratory managers direct a staff of nationally certified technicians utilizing fully automated research-grade apparatus resulting in a rapid and error-free computer generated report.

INDUSTRY COMMITMENT...

Because of our commitment to excellence, our personnel have assumed leadership roles in setting industry standards. We are technical representatives and voting members of:

- ASTM Committee E36 for Construction Inspection and Testing
- NICET Construction Materials Testing Development Committee
- Airports Consulting Council (ACC) Engineering Committee, and review of FAA Advisory Circulars for geotechnical and materials engineering




**THE ROBERT B.
BALTER COMPANY**
GEOTECHNICAL ENGINEERS