CALIBRATION, REPAIR AND TRAINING SERVICES

Periodic calibration is needed for conformance with many ASTM and AASHTO standards or to satisfy specific obligations associated with various DOT, DOD or DOE contracts. DGSI's Service Department maintains equipment and personnel to service and calibrate all equipment we manufacture as well as equipment manufactured by others.

Our calibration capabilities include:

- Force calibrations of load cells, proving rings, concrete compression machines and compression machines to 5,000 lbf
- Displacement calibrations of linear displacement transducers (LDT), and verification of dial gauges and calipers
- Pressure calibration of pore pressure transducers and general pressure transducers to 300 psi
- Verification of the rate of strain under load for LBR, CBR and Marshall load frames
- Verification of correct loading of consolidometers

The Service and Calibration Department maintains calibration equipment with traceability to the National Institute of Standards Technologies (NIST) for force, displacement and pressure. In-house work is performed in an environmentally controlled work shop at our facility in Stone Mountain, GA. Our mobile equipment permits us to service the customers' equipment at their site. Available in select areas.

VM-510	Analog Pressure Gauge Verification
VM-515	Pressure Transducer Calibration with Digital Indicator
VM-520	Verify Dial Indicator (U/L case)
VM-525	Linear Displacement Transducer w/ Digital Indicator
VM-530	Proving Ring Calibration (U/L case)
VM-570	Calibrate Concrete Testing Machines to 250,000 lbf
VM-575	Calibrate Concrete Testing Machines to 400,000 lbf
VM-580	Calibrate Concrete Testing Machines to 600,000 lbf
VM-600	S-450 Terraload Load Frame Calibration
VM-605	Calibrate Concrete Pressure Meter
VM-615	Calibrate Concrete Roll-A-Meter
VM-620	Speedy Moisture Tester Calibration per ASTM
VM-625	Speedy Moisture Tester Calibration per FL DOT
VM-630	Concrete Test Hammer Calibration
VM-635	Mechanical Load Frame Speed Calibration