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Laboratory Testing Inc. Constructs State-of-the-Art Calibration Lab

Laboratory Testing Inc. completed construction of a 6,000 sq. ft. state-of-the-art Calibration Lab with the latest technology for lighting optimization, environment control and vibration control. The design nearly doubled the space previously occupied by the calibration staff.

/24-7PressRelease/ - HATFIELD, PA, April 25, 2008 -- Construction of a 6,000 sq. ft. state-of-the-art Calibration Lab was recently completed at Laboratory Testing Inc. in Hatfield, PA. The design nearly doubled the space previously occupied by the calibration staff and streamlined the shipping/receiving and order entry functions for the department known as LTI Metrology. The latest technology for lighting optimization, environment control and vibration control was incorporated into the new construction for optimum accuracy and efficiency.

LTI Metrology provides dimensional, pressure, force, torque, mass and vacuum calibration services. Dimensional calibration of thread rings and hand tools takes place in a temperature and humidity-controlled room to stabilize the instruments before measurement. Length standards and other masters are calibrated in a separate "cold" room, which is continuously monitored to maintain an environment within the guidelines of 68 degrees \pm 1 degree and 30-50 percent relative humidity. The cold room is lit with 120-150 ft. candles of indirect lighting to prevent shadows and glare. The dimensional lab, cold room and pressure/torque/force room were each built on isolated foundations to minimize vibration effects from surrounding departments in the facility. Information on Laboratory Testing calibration services and accreditations is available at <http://www.labtesting.com>.

Laboratory Testing Inc. specializes in metal and alloy testing, specimen machining, failure analysis and calibration services. The lab is accredited to ISO/IEC 17025 by PRI/Nadcap and A2LA. Mechanical, NDT, chemical and metallurgical testing services are performed. Dimensional, pressure, force, torque, mass and vacuum calibration services are offered, as well as field service for surface plates, hardness testers, optical comparators, balances, hand tools and testing machines. LTI provides new instruments and replacement parts as a representative for leading manufacturers. Information on LTI services and accreditations is available at www.labtesting.com.