



CERTIFICATE OF ACCREDITATION

The ANSI National Accreditation Board

Hereby attests that

Auburn Division of TSI Inc.

**5200 Dickey John Road
Auburn, IL 62615**

Fulfills the requirements of

ISO/IEC 17025:2017

In the field of

CALIBRATION

This certificate is valid only when accompanied by a current scope of accreditation document.
The current scope of accreditation can be verified at www.anab.org.

Jason Stine, Vice President

Expiry Date: 26 July 2028

Certificate Number: AC-3298



This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017.
This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory
quality management system (refer to joint ISO-ILAC-IAF Communiqué dated April 2017).

SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

Auburn Division of TSI Inc.

5200 Dickey John Road
Auburn, IL 62615

Mike Schackel mike.schackel@tsi.com

CALIBRATION

ISO/IEC 17025 Accreditation Granted: **05 June 2026**

Certificate Number: **AC-3298** Certificate Expiry Date: **26 July 2028**

Acoustics and Vibration

Parameter/Equipment	Range	Expanded Uncertainty of Measurement (+/-)	Reference Standard, Method, and/or Equipment
Sound Level Pressure Calibrators	(70 to 120) dB (125 to 2 000) Hz	0.34 dB	Comparison to B&K 5935 microphone power supply B&K 2673 microphone pre-amplifier B&K 4144 microphone B&K 4160 reference microphone National Instruments PXI4071 Digital Multimeter/Counter
Sound Level Meters & Dosimeters	1 000 Hz 79 dB 89 dB 99 dB 104 dB 109 dB 114 dB 119 dB	0.42 dB	Comparison to TSI Quest-Cal calibrator B&K 5935 microphone power supply B&K 2673 microphone pre-amplifier B&K 4144 microphone B&K 4160 reference microphone

Electrical – DC/Low Frequency

Parameter/Equipment	Range	Expanded Uncertainty of Measurement (+/-)	Reference Standard, Method, and/or Equipment
DC Voltage – Measure	10 mV to 200 V	1.3 mV	Comparison to Digital Multimeter
AC Voltage – Measure	50 Hz to 10 kHz 50 mV to 10 V	2.4 mV	Comparison to Digital Multimeter
Resistance – Measure	20 Ω to 2 k Ω	0.12 Ω	Comparison to Digital Multimeter
Electrical Simulation of SPL	Up to 134 dB	0.22 dB	Comparison to SDS DS360 Signal Generator

Thermodynamic

Parameter/Equipment	Range	Expanded Uncertainty of Measurement (+/-)	Reference Standard, Method, and/or Equipment
Temperature – Source (Heat Stress Monitor)	(35 to 40) °C	0.11 °C	Comparison to ThermoFisher Scientific Temperature Baths, Fluke 1524 w/PRT

Time and Frequency

Parameter/Equipment	Range	Expanded Uncertainty of Measurement (+/-)	Reference Standard, Method, and/or Equipment
Sound Pressure Level Meters & Dosimeters - Frequency	125 Hz 250 Hz 500 Hz 1 kHz 2 kHz	0.71 Hz 1.4 Hz 2.9 Hz 5.7 Hz 12 Hz	Comparison to National Instruments PXI-4071 Digital Multimeter/Counter

Calibration and Measurement Capability (CMC) is expressed in terms of the measurement parameter, measurement range, expanded uncertainty of measurement and reference standard, method, and/or equipment. The expanded uncertainty of measurement is expressed as the standard uncertainty of the measurement multiplied by a coverage factor of 2 ($k=2$), corresponding to a confidence level of approximately 95%.



Jason Stine, Vice President