

Appendix 11A

Calibration Certificates



NSAI

National Metrology Laboratory

Certificate of Calibration

Issued to
Malachy Walsh & Partners
Reen Point
Blennerville
Tralee
Co. Kerry

Certificate Number	242184
Item Calibrated	Larson Davis CAL200 Sound Level Calibrator
Serial Number	11262
ID Number	None
Order Number	30892
Date Received	09 May 2024
NML Procedure Number	TFAP-NM-11

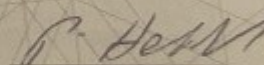
Method	The above calibrator was allowed to stabilize for a suitable period in laboratory conditions. It was then calibrated by measuring the sound pressure level generated in its measuring cavity (half-inch configuration). The calibrator's operating frequency was also measured.
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Calibration Standards	Norsonic 1504A Calibration System incorporating: Agilent 34401A Digital Multimeter, File No. 0736 [Cal due: 01 Sep 2024] B & K 4180 Measuring Microphone, File No. 1069 [Cal due: 15 Sep 2025] B & K 4228 Pistonphone, File No. 0741 [Cal due: 14 Sep 2025]
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Calibrated by


David Fleming

Approved by


Paul Hetherington

Date of Calibration

10 Jun 2024

Date of Issue

11 Jun 2024



This certificate is consistent with Calibration and Measurement Capabilities (CMC's) that are included in Appendix C of the Mutual Recognition Arrangement (MRA) drawn up by the International Committee for Weights and Measures. Under the MRA, all participating institutes recognize the validity of each other's calibration certificates and measurement reports for quantities, ranges and measurement uncertainties specified in Appendix C (for details see www.bipm.org)



NSAI

National Metrology Laboratory

Certificate of Calibration

Issued to **Malachy Walsh & Partners**
Reen Point
Blennerville
Tralee
Co. Kerry

Certificate Number	242183
Item Calibrated	Larson Davis Sound Level Meter with PCB PCB377B02 Microphone
Serial Number	0003826 (SLM) and 150020 (Microphone)
ID Number	None
Order Number	30892
Date Received	09 May 2024
NML Procedure Number	TFAP-NM-16
Method	The above sound level meter was allowed to stabilise for a suitable period in laboratory conditions. It was then calibrated by carrying out the verification tests detailed in IEC 61672-3 (2006), <i>Periodic tests, specification for the verification of sound level meters</i> . This standard specifies a procedure for the periodic verification of conformance of a sound level meter or integrating-averaging meter to IEC 61672-1 (2003).
Calibration Standards	Norsonic 1504A Calibration System incorporating: SR DS360 Signal Generator, No. 0735 [Cal Due Date: 01 Sep 2024] Agilent 34401A Digital Multimeter, No. 0736 [Cal Due Date: 01 Sep 2024] B&K 4180 Measuring Microphone, No. 1069 [Cal Due Date: 15 Sep 2025] B&K 4228 Pistonphone, No. 0741 [Cal Due Date: 14 Sep 2025] B&K 4226 Acoustical Calibrator, No. 0150 [Cal Due Date: 04 Jan 2025]

Calibrated by

David Fleming

Approved by

Paul Hetherington

Date of Calibration

11 Jun 2024

Date of Issue

11 Jun 2024



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