

RECEIVED: 24/05/2024

## **Appendix 11.1**

### **Calibration Certificate**

RECEIVED: 24/05/2024



# NSAI

National Metrology Laboratory

Certificate of Calibration

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

<b>Certificate Number</b>	221922
<b>Item Calibrated</b>	Larson Davis Sound Level Meter with PCB PCB377B02 Microphone
<b>Serial Number</b>	0003826 (SLM) and 150020 (Microphone)
<b>ID Number</b>	None
<b>Order Number</b>	27026
<b>Date Received</b>	10 May 2022
<b>NML Procedure Number</b>	AP-NM-09

**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), *Periodic tests, specification for the verification of sound level meters*. 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 D5360 Signal Generator, No. 0735 [Cal Due Date: 10 Jun 2022]  
Agilent 34401A Digital Multimeter, No. 0736 [Cal Due Date: 10 Jun 2022]  
B&K 4134 Measuring Microphone, No. 0744 [Cal Due Date: 03 Jun 2023]  
B&K 4228 Pistonphone, No. 0740 [Cal Due Date: 04 Jun 2023]  
B&K 4226 Acoustical Calibrator, No. 0150 [Cal Due Date: 07 Oct 2022]

**Calibrated by**

  
David Fleming

**Approved by**

  
Paul Hetherington

**Date of Calibration**

31 May 2022

**Date of Issue**

31 May 2022



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](http://www.bipm.org))