

MWP

Environmental Impact Assessment Report (EIAR)

Volume 3: Appendix 6 Noise Meter Calibration Certificate & Site Photos

**Dernacart Wind Farm
110kV Substation and Grid Connection**

Statkraft Ireland

October 2024



NSAI

National Metrology Laboratory

Certificate of Calibration

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

Certificate Number	232454
Item Calibrated	Larson Davis CAL200 Sound Level Calibrator
Serial Number	11262
ID Number	None
Order Number	29155
Date Received	07 Jun 2023
NML Procedure Number	AP-NM-13

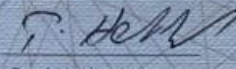
Method The above calibrator was allowed to stabilize for a suitable period in laboratory conditions. It was then calibrated by measuring the sound pressure level generated in its measuring cavity (half-inch configuration). The calibrator's operating frequency was also measured.

Calibration Standards Norsonic 1504A Calibration System incorporating:
Agilent 34401A Digital Multimeter, File No. 0736 [Cal due: 16 Aug 2023]
B & K 4134 Measuring Microphone, File No. 0744 [Cal due: 10 Jul 2023]
B & K 4228 Pistonphone, File No. 0740 [Cal due: 10 Jul 2023]

Calibrated by


David Fleming

Approved by


Paul Hetherington

Date of Calibration

14 Jun 2023

Date of Issue

14 Jun 2023



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	221922
Item Calibrated	Larson Davis Sound Level Meter with PCB PCB377B02 Microphone
Serial Number	0003826 (SLM) and 150020 (Microphone)
ID Number	None
Order Number	27026
Date Received	10 May 2022
NML Procedure Number	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 DS360 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



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NML1



NML2



NML3



NML4



NML5



NML6

