

RECEIVED: 31/03/2026

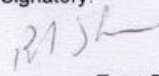
Illaunbaun Wind Farm - Environmental Impact Assessment Report

Appendix A13-06: Calibration Certificates of Noise Monitoring Equipment

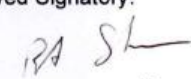


1 APPENDIX A13-06: CALIBRATION CERTIFICATES OF NOISE MONITORING EQUIPMENT

RECEIVED: 31/03/2026

		MTS Calibration Ltd, The Grange Business Centre, Belasis Avenue, Billingham TS23 1LG, England Telephone: 01642 876 410																																	
				0607																															
CERTIFICATE OF CALIBRATION				Page 1 of 1																															
Issued by: MTS Calibration Ltd Performed by: Tony Sherris Date of issue: 02 March 2023 Certificate Number: 38152U				Approved Signatory:  Tony Sherris																															
Sound Calibrator																																			
Client: Environmental Measurements Unit 12, Tallaght Business Centre Whitestown Business Park Co.Dublin 24, Ireland			On behalf of: Brendan O'Reilly																																
The Device calibrated was: Larson Davis Model CAL200 Serial Number 18140																																			
The measurements were performed at Elvington Close, Billingham, TS23 3YS and the measured values were as follows:																																			
<table border="1"> <tr> <td>Output Level 1:</td> <td>93.98 dB re 20µPa</td> <td>± 0.15 dB (k= 2)</td> </tr> <tr> <td>Fundamental Frequency 1:</td> <td>1000.07 Hz</td> <td>± 0.11 Hz (k= 2)</td> </tr> <tr> <td>Total Harmonic Distortion 1:</td> <td>0.37 %</td> <td>± 0.01 % (k= 2)</td> </tr> <tr> <td>Output Level 2:</td> <td>114.01 dB re 20µPa</td> <td>± 0.15 dB (k= 2)</td> </tr> <tr> <td>Fundamental Frequency 2:</td> <td>1000.07 Hz</td> <td>± 0.11 Hz (k= 2)</td> </tr> <tr> <td>Total Harmonic Distortion 2:</td> <td>0.51 %</td> <td>± 0.01 % (k= 2)</td> </tr> </table>						Output Level 1:	93.98 dB re 20µPa	± 0.15 dB (k= 2)	Fundamental Frequency 1:	1000.07 Hz	± 0.11 Hz (k= 2)	Total Harmonic Distortion 1:	0.37 %	± 0.01 % (k= 2)	Output Level 2:	114.01 dB re 20µPa	± 0.15 dB (k= 2)	Fundamental Frequency 2:	1000.07 Hz	± 0.11 Hz (k= 2)	Total Harmonic Distortion 2:	0.51 %	± 0.01 % (k= 2)												
Output Level 1:	93.98 dB re 20µPa	± 0.15 dB (k= 2)																																	
Fundamental Frequency 1:	1000.07 Hz	± 0.11 Hz (k= 2)																																	
Total Harmonic Distortion 1:	0.37 %	± 0.01 % (k= 2)																																	
Output Level 2:	114.01 dB re 20µPa	± 0.15 dB (k= 2)																																	
Fundamental Frequency 2:	1000.07 Hz	± 0.11 Hz (k= 2)																																	
Total Harmonic Distortion 2:	0.51 %	± 0.01 % (k= 2)																																	
This measurement is valid only for the above device configured for calibration of a WS-2 microphone under the stated environmental conditions. For deviation of prevailing conditions, the manufacturer's literature for the calibrator should be referred to.																																			
Date of Measurements: 02 March 2023		Date of Receipt: 23 February 2023																																	
Method of calibration A Reference Calibrator was used to establish the sensitivity of the measurement chain. The same measurement chain is then used to determine the output level of the Object Calibrator by the difference between its output and that of the nominated Reference Calibrator. Four independent measurements of the third-octave band sound pressure levels produced by the Reference Calibrators and the Object Calibrator are averaged to minimise uncertainties of the calibration. The measurement chain consists of a calibrated, Reference Microphone, Reference Preamplifier and Reference Analyser. As well as providing a traceable measurement of the sound pressure level in the cavity of the Object Calibrator, the Calibrator's frequency and total harmonic distortion are also measured. Frequency is determined from the average of four independent measurements using a multimeter. The total harmonic distortion is measured from the average of three independent measurements by third octave analysis, subtracting the level of the fundamental frequency from the sum of the combined harmonics in the frequency band to 20kHz. The complete procedure is detailed in the MTS Calibration Ltd work procedure WPO1. The sound pressure level generated by the calibrator in its WS2 configuration was measured by reference to the reference Sound Calibrator as shown in the Test Equipment section below. The reported expanded uncertainty is based on a standard uncertainty multiplied by a coverage factor k (individually calculated as above), providing a coverage probability of approximately 95%. The uncertainty evaluation has been calculated in accordance with the current version of UKAS publication M3003. The uncertainty quoted for the Distortion Measurement is the Distortion Percentage as measured, multiplied by our Uncertainty as calculated for the individual measurement or our CMC, whichever is the larger.																																			
Measurement Conditions: <table> <tr> <td>Temperature</td> <td>23 °C</td> <td>± 1 °C</td> </tr> <tr> <td>Atmospheric Pressure</td> <td>1027 mBar</td> <td>± 2 mBar</td> </tr> <tr> <td>Relative Humidity</td> <td>35 %</td> <td>± 5 %</td> </tr> </table>						Temperature	23 °C	± 1 °C	Atmospheric Pressure	1027 mBar	± 2 mBar	Relative Humidity	35 %	± 5 %																					
Temperature	23 °C	± 1 °C																																	
Atmospheric Pressure	1027 mBar	± 2 mBar																																	
Relative Humidity	35 %	± 5 %																																	
Test Equipment used during this calibration: <table> <tr> <th>Equipment</th> <th>Manufacturer</th> <th>Model</th> <th>Serial No.</th> <th>Traceability Ref.</th> <th>Calibration Due</th> </tr> <tr> <td>Reference Calibrator</td> <td>Briel & Kjaer</td> <td>4231</td> <td>2326247</td> <td>TE 129</td> <td>Nov-23</td> </tr> <tr> <td>Multimeter</td> <td>HP</td> <td>34401A</td> <td>36146A63804</td> <td>TE 105</td> <td>Oct-23</td> </tr> <tr> <td>Microphone</td> <td>B&K</td> <td>4133</td> <td>810486</td> <td>TE 155</td> <td>Aug-23</td> </tr> <tr> <td>Real-Time Analyser (set 1)</td> <td>Larson Davis</td> <td>2900</td> <td>0492</td> <td>TE 108</td> <td>Jul-23</td> </tr> </table>						Equipment	Manufacturer	Model	Serial No.	Traceability Ref.	Calibration Due	Reference Calibrator	Briel & Kjaer	4231	2326247	TE 129	Nov-23	Multimeter	HP	34401A	36146A63804	TE 105	Oct-23	Microphone	B&K	4133	810486	TE 155	Aug-23	Real-Time Analyser (set 1)	Larson Davis	2900	0492	TE 108	Jul-23
Equipment	Manufacturer	Model	Serial No.	Traceability Ref.	Calibration Due																														
Reference Calibrator	Briel & Kjaer	4231	2326247	TE 129	Nov-23																														
Multimeter	HP	34401A	36146A63804	TE 105	Oct-23																														
Microphone	B&K	4133	810486	TE 155	Aug-23																														
Real-Time Analyser (set 1)	Larson Davis	2900	0492	TE 108	Jul-23																														
This certificate is issued in accordance with the laboratory accreditation requirements of the United Kingdom Accreditation Service. It provides traceability of measurement to the SI system of units and/or to units of measurement realised at the National Physical Laboratory or other recognised national metrology institutes. This certificate may not be reproduced other than in full, except with the prior written approval of the issuing laboratory.																																			
End of Certificate																																			

RECEIVED: 31/03/2026

	MTS Calibration Ltd, The Grange Business Centre, Belasis Avenue, Billingham TS23 1LG, England Telephone: 01642 876 410																																																																																					
CERTIFICATE OF CALIBRATION																																																																																						
Issued by: MTS Calibration Ltd	Page 1 of 11 pages Approved Signatory:  Tony Sherris																																																																																					
Date of Issue: 02 August 2023 Certificate Number: 38648																																																																																						
Sound Level Meter																																																																																						
Sound Level Meter Periodic Tests to EN 61672-3: 2013 Class 1																																																																																						
Client: Brendan Oreilly	Instrument Make: Larson Davis Instrument Model: LxT1L Serial Number: 0005660																																																																																					
1	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Associated Equipment</th> <th style="text-align: left;">Make</th> <th style="text-align: left;">Model</th> <th style="text-align: left;">Serial number</th> </tr> </thead> <tbody> <tr> <td>Pre-amplifier</td> <td>Larson Davis</td> <td>PRMLxT1L</td> <td>055684</td> </tr> <tr> <td>Microphone</td> <td>PCB</td> <td>377B02</td> <td>305875</td> </tr> <tr> <td>Calibrator</td> <td>Larson Davis</td> <td>CAL200</td> <td>9175</td> </tr> <tr> <td>Calibrator supplied by</td> <td colspan="3">MTS for this calibration</td> </tr> </tbody> </table>	Associated Equipment	Make	Model	Serial number	Pre-amplifier	Larson Davis	PRMLxT1L	055684	Microphone	PCB	377B02	305875	Calibrator	Larson Davis	CAL200	9175	Calibrator supplied by	MTS for this calibration																																																																			
Associated Equipment	Make	Model	Serial number																																																																																			
Pre-amplifier	Larson Davis	PRMLxT1L	055684																																																																																			
Microphone	PCB	377B02	305875																																																																																			
Calibrator	Larson Davis	CAL200	9175																																																																																			
Calibrator supplied by	MTS for this calibration																																																																																					
The measurements were performed at The Grange Business Centre, Belasis Avenue, TS23 1LD. The results only apply to the items tested.																																																																																						
Periodic tests were performed in accordance with procedures from IEC 61672-3:2013 Class 1																																																																																						
Test results summary, detailed results are shown on subsequent pages.																																																																																						
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Tests performed</th> <th style="text-align: left;">Section</th> <th style="text-align: left;">Results of test</th> <th style="text-align: left;">Page</th> <th style="text-align: left;">Comments</th> </tr> </thead> <tbody> <tr><td>Calibration Certificate</td><td>22</td><td></td><td>1</td><td></td></tr> <tr><td>Additional information</td><td></td><td></td><td>2</td><td></td></tr> <tr><td>Indication with Calibrator Supplied</td><td>10</td><td>No Limit</td><td>3</td><td></td></tr> <tr><td>Self-Generated Noise</td><td>11</td><td>No Limit</td><td>3</td><td></td></tr> <tr><td>Frequency and Time-weightings at 1kHz</td><td>14</td><td>Complies</td><td>3</td><td></td></tr> <tr><td>Long term stability</td><td>15</td><td>Complies</td><td>3</td><td></td></tr> <tr><td>High stability</td><td>21</td><td>Complies</td><td>3</td><td></td></tr> <tr><td>Acoustic Tests</td><td>12</td><td>Complies</td><td>4</td><td></td></tr> <tr><td>Frequency Weighting A</td><td>13</td><td>Complies</td><td>5</td><td></td></tr> <tr><td>Frequency Weighting C</td><td>13</td><td>Complies</td><td>6</td><td></td></tr> <tr><td>Frequency Weighting Z</td><td>13</td><td>Complies</td><td>7</td><td></td></tr> <tr><td>Level Linearity</td><td>16</td><td>Complies</td><td>8</td><td></td></tr> <tr><td>Level Linearity Range Control</td><td>17</td><td></td><td>n/a</td><td>SLM only has one range</td></tr> <tr><td>Tone-burst Response</td><td>18</td><td>Complies</td><td>9</td><td></td></tr> <tr><td>Peak C sound level</td><td>19</td><td>Complies</td><td>10</td><td></td></tr> <tr><td>Overload indication</td><td>20</td><td>Complies</td><td>11</td><td></td></tr> </tbody> </table>	Tests performed	Section	Results of test	Page	Comments	Calibration Certificate	22		1		Additional information			2		Indication with Calibrator Supplied	10	No Limit	3		Self-Generated Noise	11	No Limit	3		Frequency and Time-weightings at 1kHz	14	Complies	3		Long term stability	15	Complies	3		High stability	21	Complies	3		Acoustic Tests	12	Complies	4		Frequency Weighting A	13	Complies	5		Frequency Weighting C	13	Complies	6		Frequency Weighting Z	13	Complies	7		Level Linearity	16	Complies	8		Level Linearity Range Control	17		n/a	SLM only has one range	Tone-burst Response	18	Complies	9		Peak C sound level	19	Complies	10		Overload indication	20	Complies	11		
Tests performed	Section	Results of test	Page	Comments																																																																																		
Calibration Certificate	22		1																																																																																			
Additional information			2																																																																																			
Indication with Calibrator Supplied	10	No Limit	3																																																																																			
Self-Generated Noise	11	No Limit	3																																																																																			
Frequency and Time-weightings at 1kHz	14	Complies	3																																																																																			
Long term stability	15	Complies	3																																																																																			
High stability	21	Complies	3																																																																																			
Acoustic Tests	12	Complies	4																																																																																			
Frequency Weighting A	13	Complies	5																																																																																			
Frequency Weighting C	13	Complies	6																																																																																			
Frequency Weighting Z	13	Complies	7																																																																																			
Level Linearity	16	Complies	8																																																																																			
Level Linearity Range Control	17		n/a	SLM only has one range																																																																																		
Tone-burst Response	18	Complies	9																																																																																			
Peak C sound level	19	Complies	10																																																																																			
Overload indication	20	Complies	11																																																																																			
The instrument was within the above specification as received - no modifications were made The sound level meter submitted for testing has successfully completed the periodic tests of IEC 61672-3: 2013 for the environmental conditions under which the tests were performed. As evidence was publicly available, from an independent testing organisation responsible for approving the results of pattern evaluation tests performed in accordance with IEC 61672-2: 2013, to demonstrate that the model of sound level meter fully conformed to the Class 1 specifications in IEC 61672-1: 2013, the sound level meter submitted for testing conforms to the Class 1 specifications of IEC 61672-1: 2013																																																																																						
Additional tests performed	<table style="width: 100%;"> <tr> <td style="width: 40%;">Microphone full frequency response</td> <td style="width: 20%;">Reference</td> <td style="width: 40%;">38650</td> <td style="width: 20%;">See additional certificate</td> </tr> <tr> <td>Filter calibration, third octave or octave</td> <td>Reference</td> <td>38648F</td> <td>See additional certificate</td> </tr> </table>	Microphone full frequency response	Reference	38650	See additional certificate	Filter calibration, third octave or octave	Reference	38648F	See additional certificate																																																																													
Microphone full frequency response	Reference	38650	See additional certificate																																																																																			
Filter calibration, third octave or octave	Reference	38648F	See additional certificate																																																																																			
This certificate is issued in accordance with the laboratory accreditation requirements of the United Kingdom Accreditation Service. It provides traceability of measurement to the SI system of units and/or to units of measurement realised at the National Physical Laboratory or other recognised national metrology institutes. This certificate may not be reproduced other than in full, except with the prior written approval of the issuing laboratory.																																																																																						

RECEIVED: 31/03/2026



MTS Calibration Ltd,
The Grange Business Centre,
Belasis Avenue,
Billingham TS23 1LG,
England
Telephone: 01642 876 410

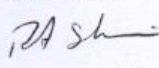
CERTIFICATE OF CALIBRATION

Issued by: **MTS Calibration Ltd**

Date of Issue: **07 March 2022** **Certificate Number:** **38175**

Page 1 of 11 pages

Approved Signatory:


Tony Sherris

Sound Level Meter

Sound Level Meter Periodic Tests to EN 61672-3: 2013 Class 1

Client: **Brendan Oreilly**

Instrument Make: **Larson Davis**

Instrument Model: **LxT1L**

Serial Number: **0005058**

	Associated Equipment	Make	Model	Serial number
2	Preamplifier	PCB	PRMLxT1L	036054
	Microphone	PCB	377B02	153775
	Calibrator	Larson Davis	CAL200	9175
	Calibrator supplied by	MTS for this calibration		

The measurements were performed at The Grange Business Centre, Belasis Avenue, TS23 1LD. The results only apply to the items tested.

Periodic tests were performed in accordance with procedures from IEC 61672-3:2013 Class 1

Test results summary, detailed results are shown on subsequent pages.

Tests performed	Section	Results of test	Page	Comments
Calibration Certificate	22		1	
Additional information			2	
Indication with Calibrator Supplied	10	No Limit	3	
Self-Generated Noise	11	No Limit	3	
Frequency and Time-weightings at 1kHz	14	Complies	3	
Long term stability	15	Complies	3	
High stability	21	Complies	3	
Acoustic Tests	12	Complies	4	
Frequency Weighting A	13	Complies	5	
Frequency Weighting C	13	Complies	6	
Frequency Weighting Z	13	Complies	7	
Level Linearity	16	Complies	8	
Level Linearity Range Control	17	n/a		SLM only has one range
Tone-burst Response	18	Complies	9	
Peak C sound level	19	Complies	10	
Overload indication	20	Complies	11	

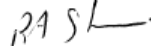
The instrument was within the above specification as received - no modifications were made

The sound level meter submitted for testing has successfully completed the periodic tests of IEC 61672-3: 2013 for the environmental conditions under which the tests were performed. As evidence was publicly available, from an independent testing organisation responsible for approving the results of pattern evaluation tests performed in accordance with IEC 61672-2: 2013, to demonstrate that the model of sound level meter fully conformed to the Class 1 specifications in IEC 61672-1: 2013, the sound level meter submitted for testing conforms to the Class 1 specifications of IEC 61672-1: 2013

Additional tests performed	Reference	
Microphone full frequency response	38177	See additional certificate
Filter calibration, third octave or octave	38175F	See additional certificate

This certificate is issued in accordance with the laboratory accreditation requirements of the United Kingdom Accreditation Service. It provides traceability of measurement to the SI system of units and/or to units of measurement realised at the National Physical Laboratory or other recognised national metrology institutes. This certificate may not be reproduced other than in full, except with the prior written approval of the issuing laboratory.

RECEIVED: 31/03/2026

	MTS Calibration Ltd, The Grange Business Centre, Belasis Avenue, Billingham TS23 1LG, England Telephone: 01642 876 410																																																																																					
CERTIFICATE OF CALIBRATION																																																																																						
Issued by: MTS Calibration Ltd	Page 1 of 11 pages Approved Signatory:  Tony Sherris																																																																																					
Date of Issue: 05 August 2022 Certificate Number: 37266																																																																																						
Sound Level Meter																																																																																						
Sound Level Meter Periodic Tests to EN 61672-3: 2013 Class 1																																																																																						
Client: Environmental Measurements Unit 12, Tallaght Business Centre Whitestown Business Park Co.Dublin 24, Ireland	Instrument Make: Larson Davis Instrument Model: LxT1L Serial Number: 0005990																																																																																					
4	<table border="1" style="width: 100%; border-collapse: collapse; font-size: 0.8em;"> <thead> <tr> <th style="text-align: left;">Associated Equipment</th> <th style="text-align: left;">Make</th> <th style="text-align: left;">Model</th> <th style="text-align: left;">Serial number</th> </tr> </thead> <tbody> <tr> <td>Preamplifier</td> <td>Larson Davis</td> <td>PRMLxT1L</td> <td>055804</td> </tr> <tr> <td>Microphone</td> <td>PCB</td> <td>377B02</td> <td>316349</td> </tr> <tr> <td>Calibrator</td> <td>Brüel & Kjær</td> <td>4231</td> <td>3014620</td> </tr> <tr> <td>Calibrator supplied by</td> <td colspan="3">MTS for this calibration</td> </tr> </tbody> </table>	Associated Equipment	Make	Model	Serial number	Preamplifier	Larson Davis	PRMLxT1L	055804	Microphone	PCB	377B02	316349	Calibrator	Brüel & Kjær	4231	3014620	Calibrator supplied by	MTS for this calibration																																																																			
Associated Equipment	Make	Model	Serial number																																																																																			
Preamplifier	Larson Davis	PRMLxT1L	055804																																																																																			
Microphone	PCB	377B02	316349																																																																																			
Calibrator	Brüel & Kjær	4231	3014620																																																																																			
Calibrator supplied by	MTS for this calibration																																																																																					
The measurements were performed at Elvington Close, Billingham, TS23 3YS. The results only apply to the items tested.																																																																																						
Periodic tests were performed in accordance with procedures from IEC 61672-3:2013 Class 1																																																																																						
Test results summary, detailed results are shown on subsequent pages.																																																																																						
<table border="1" style="width: 100%; border-collapse: collapse; font-size: 0.8em;"> <thead> <tr> <th style="text-align: left;">Tests performed</th> <th style="text-align: left;">Section</th> <th style="text-align: left;">Results of test</th> <th style="text-align: left;">Page</th> <th style="text-align: left;">Comments</th> </tr> </thead> <tbody> <tr><td>Calibration Certificate</td><td>22</td><td></td><td>1</td><td></td></tr> <tr><td>Additional information</td><td></td><td></td><td>2</td><td></td></tr> <tr><td>Indication with Calibrator Supplied</td><td>10</td><td>No Limit</td><td>3</td><td></td></tr> <tr><td>Self-Generated Noise</td><td>11</td><td>No Limit</td><td>3</td><td></td></tr> <tr><td>Frequency and Time-weightings at 1kHz</td><td>14</td><td>Complies</td><td>3</td><td></td></tr> <tr><td>Long term stability</td><td>15</td><td>Complies</td><td>3</td><td></td></tr> <tr><td>High stability</td><td>21</td><td>Complies</td><td>3</td><td></td></tr> <tr><td>Acoustic Tests</td><td>12</td><td>Complies</td><td>4</td><td></td></tr> <tr><td>Frequency Weighting A</td><td>13</td><td>Complies</td><td>5</td><td></td></tr> <tr><td>Frequency Weighting C</td><td>13</td><td>Complies</td><td>6</td><td></td></tr> <tr><td>Frequency Weighting Z</td><td>13</td><td>Complies</td><td>7</td><td></td></tr> <tr><td>Level Linearity</td><td>16</td><td>Complies</td><td>8</td><td></td></tr> <tr><td>Level Linearity Range Control</td><td>17</td><td></td><td>n/a</td><td>SLM only has one range</td></tr> <tr><td>Tone-burst Response</td><td>18</td><td>Complies</td><td>9</td><td></td></tr> <tr><td>Peak C sound level</td><td>19</td><td>Complies</td><td>10</td><td></td></tr> <tr><td>Overload indication</td><td>20</td><td>Complies</td><td>11</td><td></td></tr> </tbody> </table>	Tests performed	Section	Results of test	Page	Comments	Calibration Certificate	22		1		Additional information			2		Indication with Calibrator Supplied	10	No Limit	3		Self-Generated Noise	11	No Limit	3		Frequency and Time-weightings at 1kHz	14	Complies	3		Long term stability	15	Complies	3		High stability	21	Complies	3		Acoustic Tests	12	Complies	4		Frequency Weighting A	13	Complies	5		Frequency Weighting C	13	Complies	6		Frequency Weighting Z	13	Complies	7		Level Linearity	16	Complies	8		Level Linearity Range Control	17		n/a	SLM only has one range	Tone-burst Response	18	Complies	9		Peak C sound level	19	Complies	10		Overload indication	20	Complies	11		
Tests performed	Section	Results of test	Page	Comments																																																																																		
Calibration Certificate	22		1																																																																																			
Additional information			2																																																																																			
Indication with Calibrator Supplied	10	No Limit	3																																																																																			
Self-Generated Noise	11	No Limit	3																																																																																			
Frequency and Time-weightings at 1kHz	14	Complies	3																																																																																			
Long term stability	15	Complies	3																																																																																			
High stability	21	Complies	3																																																																																			
Acoustic Tests	12	Complies	4																																																																																			
Frequency Weighting A	13	Complies	5																																																																																			
Frequency Weighting C	13	Complies	6																																																																																			
Frequency Weighting Z	13	Complies	7																																																																																			
Level Linearity	16	Complies	8																																																																																			
Level Linearity Range Control	17		n/a	SLM only has one range																																																																																		
Tone-burst Response	18	Complies	9																																																																																			
Peak C sound level	19	Complies	10																																																																																			
Overload indication	20	Complies	11																																																																																			
The instrument was within the above specification as received - no modifications were made The sound level meter submitted for testing has successfully completed the periodic tests of IEC 61672-3: 2013 for the environmental conditions under which the tests were performed. As evidence was publicly available, from an independent testing organisation responsible for approving the results of pattern evaluation tests performed in accordance with IEC 61672-2: 2013, to demonstrate that the model of sound level meter fully conformed to the Class 1 specifications in IEC 61672-1: 2013, the sound level meter submitted for testing conforms to the Class 1 specifications of IEC 61672-1: 2013																																																																																						
Additional tests performed Microphone full frequency response Filter calibration, third octave or octave	<table style="width: 100%;"> <tr> <td style="width: 50%;">Reference</td> <td style="width: 50%;"></td> </tr> <tr> <td>37268</td> <td>See additional certificate</td> </tr> <tr> <td>37268F</td> <td>See additional certificate</td> </tr> </table>	Reference		37268	See additional certificate	37268F	See additional certificate																																																																															
Reference																																																																																						
37268	See additional certificate																																																																																					
37268F	See additional certificate																																																																																					
This certificate is issued in accordance with the laboratory accreditation requirements of the United Kingdom Accreditation Service. It provides traceability of measurement to the SI system of units and/or to units of measurement realised at the National Physical Laboratory or other recognised national metrology institutes. This certificate may not be reproduced other than in full, except with the prior written approval of the issuing laboratory.																																																																																						

RECEIVED: 31/03/2026

GLOBAL PROJECT REACH



Offices

Dublin (Head Office)

Gavin & Doherty Geosolutions
Unit A2, Nutgrove Office Park
Rathfarnham
Dublin 14, D14 X627
Phone: +353 1 207 1000

Cork

Gavin & Doherty Geosolutions
First Floor, 12 South Mall
Cork
T12 RD43

London

Gavin & Doherty Geosolutions (UK) Limited
85 Great Portland Street, First Floor
London
W1W 7LT

Utrecht

Gavin & Doherty Geosolutions
WTC Utrecht, Stadsplateau 7
3521 AZ Utrecht
The Netherlands

Belfast

Gavin & Doherty Geosolutions (UK) Limited
Scottish Provident Building
7 Donegall Square West
Belfast
BT1 6JH

Edinburgh

Gavin & Doherty Geosolutions (UK) Limited
22 Northumberland Street SW Lane
Edinburgh
EH3 6JD

Rhode Island

Gavin & Doherty Geosolutions Inc.
225 Dyer St, 2nd Floor
Providence, RI 02903
USA

GDG
GAVIN & DOHERTY
GEOSOLUTIONS

Website: www.gdgeo.com

Email: info@gdgeo.com



A Venterra Group Plc
Member Company