

**TECHNICAL APPENDIX 13.2: CALIBRATION CERTIFICATES**

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# A.1 CALIBRATION CERTIFICATE NL52 01265451



## CERTIFICATE OF CALIBRATION




0653

**Date of Issue: 16 April 2024**

**Certificate Number: UCRT24/1583**

Calibrated at & Certificate issued by:  
ANV Measurement Systems  
Beaufort Court  
17 Roebuck Way  
Milton Keynes MK5 8HL  
Telephone 01908 642846 Fax 01908 642814  
E-Mail: [info@noise-and-vibration.co.uk](mailto:info@noise-and-vibration.co.uk)  
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Approved Signatory

K. Mistry

Acoustics Noise and Vibration Ltd trading as ANV Measurement Systems

**CUSTOMER** Wood Group UK Ltd  
St Vincent Plaza  
319 St. Vincent Street  
Glasgow  
G2 5LD

**ORDER No** 26014020 **Job No** UKAS24/04303

**DATE OF RECEIPT** 12 April 2024

**PROCEDURE** Procedure TP 9 - Calibration of Filters

<b>IDENTIFICATION</b>	<i>Manufacturer</i>	<i>Model</i>	<i>Serial No</i>
	Filters in sound level meter Rion	NL-52	01265451

*Periodic tests were performed in accordance with procedures from IEC 61260-3*  
Filters Type Approved to IEC 61260-1:2014 Yes by PTB

**CALIBRATED ON** 16 April 2024

**PREVIOUS CALIBRATION** Calibrated on 25 May 2022 Certificate No. UCRT22/1691 issued by this laboratory.

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## A.2 CALIBRATION CERTIFICATE NL52 732101



### CERTIFICATE OF CALIBRATION



0653

**Date of Issue: 22 May 2023**

**Certificate Number: UCRT23/1688**

Calibrated at & Certificate issued by:

ANV Measurement Systems

Beaufort Court

17 Roebuck Way

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Acoustics Noise and Vibration Ltd trading as ANV Measurement Systems

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Approved Signatory

K. Mistry

Customer ANV Measurement Systems  
Beaufort Court  
17 Roebuck Way  
Milton Keynes  
MK5 8HL

Order No. ANV MS HIRE

Description Sound Level Meter / Pre-amp / Microphone / Associated Calibrator

Identification	Manufacturer	Instrument	Type	Serial No. / Version
	Rion	Sound Level Meter	NL-52	00732101
	Rion	Firmware		2.0
	Rion	Pre Amplifier	NH-25	32129
	Rion	Microphone	UC-59	05286
	Rion	Calibrator	NC-74	34536109
		Calibrator adaptor type if applicable		NC-74-002

Performance Class 1

Test Procedure TP 2.SLM 61672-3 TPS-49

*Procedures from IEC 61672-3:2006 were used to perform the periodic tests.*

Type Approved to IEC 61672-1:2002 YES Approval Number 21.21 / 13.02

*If YES above there is public evidence that the SLM has successfully completed the applicable pattern evaluation tests of IEC 61672-2:2003*

Date Received 19 May 2023

ANV Job No. UKAS23/05356

Date Calibrated 22 May 2023

The sound level meter submitted for testing has successfully completed the class 1 periodic tests of IEC 61672-3:2006, for the environmental conditions under which the tests were performed. As public evidence was available, from an independent testing organisation responsible for approving the results of pattern evaluation tests performed in accordance with IEC 61672-2:2003, to demonstrate that the model of sound level meter fully conformed to the requirements in IEC 61672-1:2002, the sound level meter submitted for testing conforms to the class 1 requirements of IEC 61672-1:2002.

Previous Certificate	Dated	Certificate No.	Laboratory
	08 March 2022	UCRT22/1337	0653

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## A.3 CALIBRATION CERTIFICATE NL52 1032445



### CERTIFICATE OF CALIBRATION



0653

**Date of Issue: 28 June 2023**

**Certificate Number: UCRT23/1846**

Calibrated at & Certificate issued by:

ANV Measurement Systems

Beaufort Court

17 Roebuck Way

Milton Keynes MK5 8HL

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Acoustics Noise and Vibration Ltd trading as ANV Measurement Systems

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Approved Signatory

K. Mistry

Customer ANV Measurement Systems  
Beaufort Court  
17 Roebuck Way  
Milton Keynes  
MK5 8HL

Order No. ANV MS HIRE

Description Sound Level Meter / Pre-amp / Microphone / Associated Calibrator

Identification	Manufacturer	Instrument	Type	Serial No. / Version
	Rion	Sound Level Meter	NL-52	01032445
	Rion	Firmware		2.0
	Rion	Pre Amplifier	NH-25	32473
	Rion	Microphone	UC-59	05833
	Rion	Calibrator	NC-74	34536109
		Calibrator adaptor type if applicable		NC-74-002

Performance Class 1

Test Procedure TP 2.SLM 61672-3 TPS-49

*Procedures from IEC 61672-3:2006 were used to perform the periodic tests.*

Type Approved to IEC 61672-1:2002 YES Approval Number 21.21 / 13.02

*If YES above there is public evidence that the SLM has successfully completed the applicable pattern evaluation tests of IEC 61672-2:2003*

Date Received 28 June 2023

ANV Job No. UKAS23/06433

Date Calibrated 28 June 2023

The sound level meter submitted for testing has successfully completed the class 1 periodic tests of IEC 61672-3:2006, for the environmental conditions under which the tests were performed. As public evidence was available, from an independent testing organisation responsible for approving the results of pattern evaluation tests performed in accordance with IEC 61672-2:2003, to demonstrate that the model of sound level meter fully conformed to the requirements in IEC 61672-1:2002, the sound level meter submitted for testing conforms to the class 1 requirements of IEC 61672-1:2002.

Previous Certificate	Dated	Certificate No.	Laboratory
	30 June 2021	UCRT21/1815	0653

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## A.4 CALIBRATION CERTIFICATE NL52 887270



**CERTIFICATE  
OF  
CALIBRATION**




0653

**Date of Issue: 04 March 2024**

**Certificate Number: UCRT24/1368**

Calibrated at & Certificate issued by:  
ANV Measurement Systems  
Beaufort Court  
17 Roebuck Way  
Milton Keynes MK5 8HL  
Telephone 01908 642846 Fax 01908 642814  
E-Mail: info@noise-and-vibration.co.uk  
Web: www.noise-and-vibration.co.uk  
Acoustics Noise and Vibration Ltd trading as ANV Measurement Systems

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Approved Signatory 
K. Mistry

Customer ANV Measurement Systems  
Beaufort Court  
17 Roebuck Way  
Milton Keynes  
MK5 8HL

Order No. ANV MS HIRE  
Description Sound Level Meter / Pre-amp / Microphone / Associated Calibrator  
Identification

Manufacturer	Instrument	Type	Serial No. / Version
Rion	Sound Level Meter	NL-52	00887270
Rion	Firmware		2.0
Rion	Pre Amplifier	NH-25	87426
Rion	Microphone	UC-59	14021
Rion	Calibrator	NC-75	34334830
	Calibrator adaptor type if applicable		NC-75-022

Performance Class 1  
Test Procedure TP 10. SLM 61672-3:2013  
*Procedures from IEC 61672-3:2013 were used to perform the periodic tests.*  
Type Approved to IEC 61672-1:2013 Yes  
*If YES above there is public evidence that the SLM has successfully completed the applicable pattern evaluation tests of IEC 61672-2:2013*  
Date Received 22 February 2024 ANV Job No. UKAS24/02166  
Date Calibrated 04 March 2024

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.

Previous Certificate	Dated	Certificate No.	Laboratory
	12 May 2022	UCRT22/1646	0653

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## A.5 CALIBRATION CERTIFICATE CUBE 11111

# Chapitre 1.

## CONSTAT DE VERIFICATION

## VERIFICATION CERTIFICATE

CV-MET-22-97227

DELIVRE A :  
DELIVERED TO :

ACOUSTIC 1  
The Barn, Overdale  
Manordeilo, Llandeilo

SA19 7BD CARMARTHENSHIRE  
ROYAUME UNI

INSTRUMENT VERIFIE  
INSTRUMENT CHECKED

Désignation :  
Designation :

**Sonomètre Intégrateur-Moyen**  
**Integrating-Averaging Sound Level Meter**

Constructeur :  
Manufacturer :

**01dB**

Type :  
Type :

**CUBE**

N° de serie :  
Serial number :

**11111**

N° d'identification :  
Identification number

Date d'émission :  
Date of issue :

**04/11/2022**

Ce constat comprend **4** pages  
This certificate includes **4** pages

LE RESPONSABLE SAV  
AFTER SALE MANAGER

MET-22-97227  


Mounir HAFID

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QUE SOUS LA FORME DE FAC-SIMILE PHOTOGRAPHIQUE INTEGRAL

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ET PLACE D'UN CERTIFICAT D'ETALONNAGE. CE DOCUMENT  
EST REALISE SUIVANT LES RECOMMANDATIONS DU  
FASCICULE DE DOCUMENTATION X 07-011.

THIS DOCUMENT CAN'T BE USED AS CALIBRATION  
CERTIFICATE. IT IS COMPLIANT WITH THE X 07-011 STANDARD  
RECOMMENDATIONS.

## A.6 CALIBRATION CERTIFICATE B&K 2052327



**CERTIFICATE  
OF  
CALIBRATION**



0653

**Date of Issue: 15 April 2024**

**Certificate Number: UCRT24/1570**

Calibrated at & Certificate issued by:

ANV Measurement Systems

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K. Mistry

Customer Wood Group UK Ltd  
St Vincent Plaza  
319 St. Vincent Street  
Glasgow  
G2 5LD

Order No. 26014020

Test Procedure Procedure TP 1 Calibration of Sound Calibrators

Description Acoustic Calibrator

Identification	Manufacturer	Instrument	Model	Serial No.
	Brüel & Kjær	Calibrator	4231	2052327

The calibrator has been tested as specified in Annex B of IEC 60942:2003. As public evidence was available from a testing organisation (PTB) responsible for approving the results of pattern evaluation tests, to demonstrate that the model of sound calibrator fully conformed to the requirements for pattern evaluation described in Annex A of IEC 60942:2003, the sound calibrator tested is considered to conform to all the class 1 requirements of IEC 60942:2003.

ANV Job No. UKAS24/04303

Date Received 12 April 2024

Date Calibrated 15 April 2024

Previous Certificate

<i>Dated</i>	20 April 2022
<i>Certificate No.</i>	UCRT22/1540
<i>Laboratory</i>	0653

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