

TECHNICAL APPENDIX 14.2: CALIBRATION CERTIFICATES

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A.1 CALIBRATION CERTIFICATE NL52 1265434



CERTIFICATE OF CALIBRATION



0653

Date of Issue: 15 April 2024

Calibrated at & Certificate issued by:

ANV Measurement Systems

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Acoustics Noise and Vibration Ltd trading as ANV Measurement Systems

Certificate Number: UCRT24/1575

Page 1 of 5 Pages
Approved Signatory

K. Mistry

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

IDENTIFICATION	<i>Manufacturer</i>	<i>Model</i>	<i>Serial No</i>
Filters in sound level meter	Rion	NL-52	01265434

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 15 April 2024

PREVIOUS CALIBRATION Calibrated on 29 May 2020 Certificate No. UCRT20/1453 issued by this laboratory.

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A.2 CALIBRATION CERTIFICATE NL52 620964



CERTIFICATE OF CALIBRATION



0653

Date of Issue: 16 February 2024

Certificate Number: UCRT24/1267

Calibrated at & Certificate issued by:

ANV Measurement Systems

Beaufort Court

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Acoustics Noise and Vibration Ltd trading as ANV Measurement Systems

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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	00620964
	Rion	Firmware		2.0
	Rion	Pre Amplifier	NH-25	21005
	Rion	Microphone	UC-59	03884
	Rion	Calibrator	NC-75	34334830
		Calibrator adaptor type if applicable		NC-75-022

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 15 February 2024

ANV Job No. UKAS24/02141

Date Calibrated 16 February 2024

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

29 March 2023

Certificate No.

UCRT23/1443

Laboratory

0653

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A.3 CALIBRATION CERTIFICATE NL52 220558



CERTIFICATE OF CALIBRATION



0653

Date of Issue: 15 April 2024

Certificate Number: UCRT24/1571

Calibrated at & Certificate issued by:
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Acoustics Noise and Vibration Ltd trading as ANV Measurement Systems

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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	00220558
Rion	Firmware		2.0
Rion	Pre Amplifier	NH-25	10558
Rion	Microphone	UC-59	06710
Rion	Calibrator	NC-75	34334830
	Calibrator adaptor type if applicable		NC-75-022

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 12 April 2024 ANV Job No. UKAS24/04302
Date Calibrated 15 April 2024

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
	17 April 2023	UCRT23/1525	0653

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A.4 CALIBRATION CERTIFICATE NL52 175536



CERTIFICATE OF CALIBRATION



0653

Date of Issue: 16 April 2024

Certificate Number: UCRT24/1586

Calibrated at & Certificate issued by:
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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

IDENTIFICATION	<i>Manufacturer</i>	<i>Model</i>	<i>Serial No</i>
Filters in sound level meter	Rion	NL-52	00175536

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. UCRT22/1696 issued by this laboratory.

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A.5 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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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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