

SLM58



CERTIFICATE OF CONFORMANCE

Date of Issue 12 October 2022
Customer TNEI Services Ltd
Certificate Number CONF102205

	Manufacturer	Type	Serial Number
Sound Level Meter	Rion	NL-52	00721060
Preamplifier	Rion	NH-25	22166
Microphone	Rion	UC-59	22048

This is to certify that the instrument was tested and calibrated at the Manufacturer's factory according to their specification and that the product satisfied all the relevant requirements of the following Standards:

IEC 61672-1:2013 Class 1.

The instrument also received a functional check by ANV Measurement Systems prior to despatch in the UK, in accordance with our standard procedures.

Position. Calibration Technician Date. 12 October 2022

BEAUFORT COURT, 17 ROEBUCK WAY, MILTON KEYNES, MK5 8HL

☎ 01908 642846 ☎ 01908 642814

✉ info@noise-and-vibration.co.uk 🌐 www.noise-and-vibration.co.uk

ACOUSTICS NOISE AND VIBRATION LIMITED. REGISTERED IN ENGLAND NO. 3549028. REGISTERED OFFICE AS ABOVE.



CERTIFICATE OF CONFORMANCE

Date of Issue 05 September 2022
Customer TNEI Services Ltd
Certificate Number CONF092203

	Manufacturer	Type	Serial Number
Sound Level Meter	Rion	NL-52	00721000
Preamplifier	Rion	NH-25	22106
Microphone	Rion	UC-59	21938

This is to certify that the instrument was tested and calibrated at the Manufacturer's factory according to their specification and that the product satisfied all the relevant requirements of the following Standards:

IEC 61672-1:2013 Class 1.

The instrument also received a functional check by ANV Measurement Systems prior to despatch in the UK, in accordance with our standard procedures.

Position. Calibration Technician Date. 05 September 2022

BEAUFORT COURT, 17 ROEBUCK WAY, MILTON KEYNES, MK5 8HL

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SLM 59



CERTIFICATE OF CONFORMANCE

Date of Issue 05 September 2022
 Customer TNEI Services Ltd
 Certificate Number CONF092202

	Manufacturer	Type	Serial Number
Sound Level Meter	Rion	NL-52	00721001
Preamplifier	Rion	NH-25	22107
Microphone	Rion	UC-59	21939

This is to certify that the instrument was tested and calibrated at the Manufacturer's factory according to their specification and that the product satisfied all the relevant requirements of the following Standards:

IEC 61672-1:2013 Class 1.

The instrument also received a functional check by ANV Measurement Systems prior to despatch in the UK, in accordance with our standard procedures.

Position. Calibration Technician Date. 05 September 2022

BEAUFORT COURT, 17 ROEBUCK WAY, MILTON KEYNES, MK5 8HL

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CERTIFICATE OF CALIBRATION



0653

Date of Issue: 03 January 2024

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

Certificate Number: UCRT24/1015

Customer TNEI
 7th Floor West One
 Forth Banks
 Newcastle Upon Tyne
 NE1 3PA

Order No. 5001

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

Identification	Manufacturer	Instrument	Type	Serial No. / Version
	Rion	Sound Level Meter	NL-52	00386760
	Rion	Firmware		2.0
	Rion	Pre Amplifier	NH-25	76910
	Rion	Microphone	UC-59	12778
	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 December 2023

ANV Job No. UKAS23/12871

Date Calibrated 03 January 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

23 February 2022

TCRT22/1161

ANV Measurement Systems

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.

CERTIFICATE OF CALIBRATION

UKAS Accredited Calibration Laboratory No. 0653

Certificate Number

UCRT24/1015

Page 2 of 2 Pages

Sound Level Meter Instruction manual and data used to adjust the sound levels indicated.

SLM instruction manual title NL-52/NL-42 Description for IEC 61672-1

SLM instruction manual ref / issue No. 56034 21-03 Source Rion

Date provided or internet download date 19 March 2021

	Case Corrections	Wind Shield Corrections	Mic Pressure to Free Field Corrections
Uncertainties provided	Yes	Yes	Yes

Total expanded uncertainties within the requirements of IEC 61672-1:2013	YES
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Specified or equivalent Calibrator Specified

Customer or Lab Calibrator Lab Calibrator

Calibrator adaptor type if applicable NC-75-022

Calibrator cal. date 18 December 2023

Calibrator cert. number UCRT23/2596

Calibrator cal cert issued by Lab 0653

Calibrator SPL @ STP 94.01 dB Calibration reference sound pressure level

Calibrator frequency 1000.00 Hz Calibration check frequency

Reference level range Single dB

Accessories used or corrected for during calibration - None

SLM 60



CERTIFICATE OF CONFORMANCE

Date of Issue 05 September 2022

Customer TNEI Services Ltd

Certificate Number CONF092201

	Manufacturer	Type	Serial Number
Sound Level Meter	Rion	NL-52	00721002
Preamplifier	Rion	NH-25	22108
Microphone	Rion	UC-59	21941

This is to certify that the instrument was tested and calibrated at the Manufacturer's factory according to their specification and that the product satisfied all the relevant requirements of the following Standards:

IEC 61672-1:2013 Class 1.

The instrument also received a functional check by ANV Measurement Systems prior to despatch in the UK, in accordance with our standard procedures.

The reported expanded uncertainty is based on a standard uncertainty multiplied by a coverage factor $k=2$, providing a coverage probability of approximately 95%. The uncertainty evaluation has been carried out in accordance with UKAS requirements.

Additional Comments The results on this certificate only relate to the items calibrated as identified above.

None

Calibrated by: K. Zablocki

END

R 1

Position. Calibration Technician Date. 05 September 2022

BEAUFORT COURT, 17 ROEBUCK WAY, MILTON KEYNES, MK5 8HL

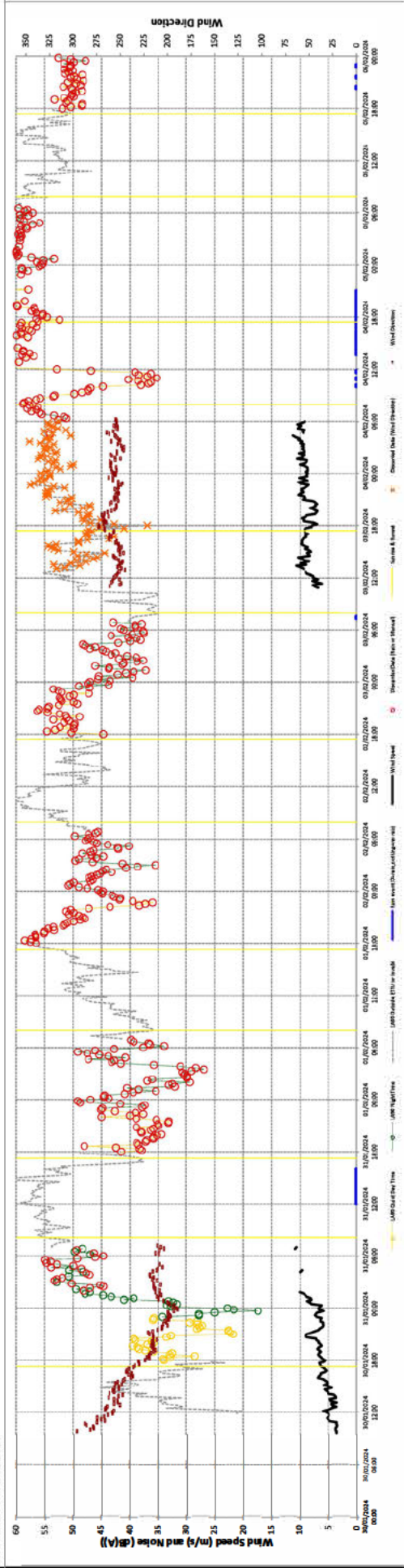
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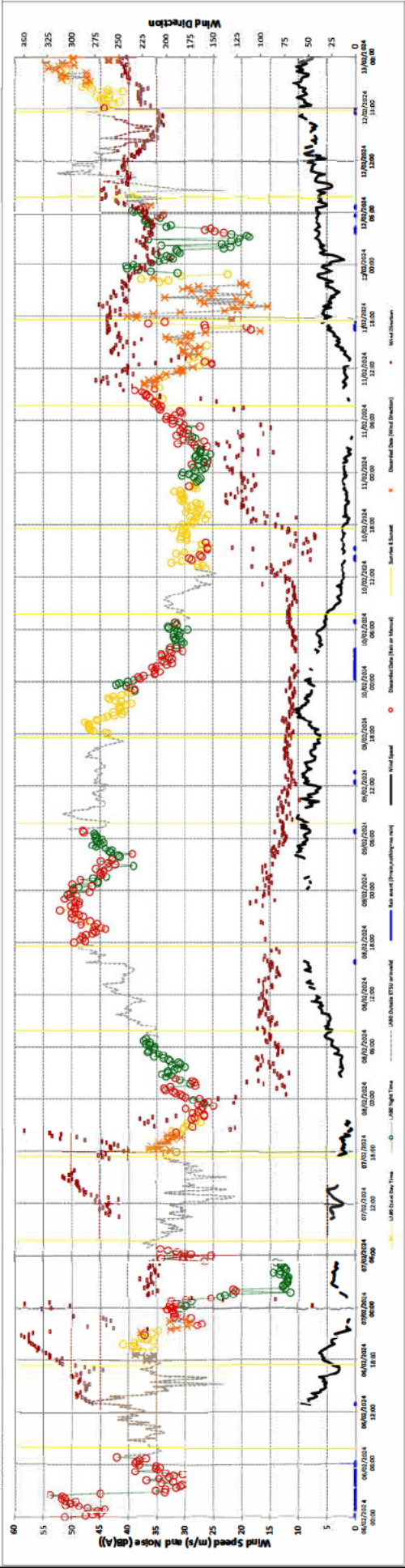
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Annex 5 – Time Series Graphs

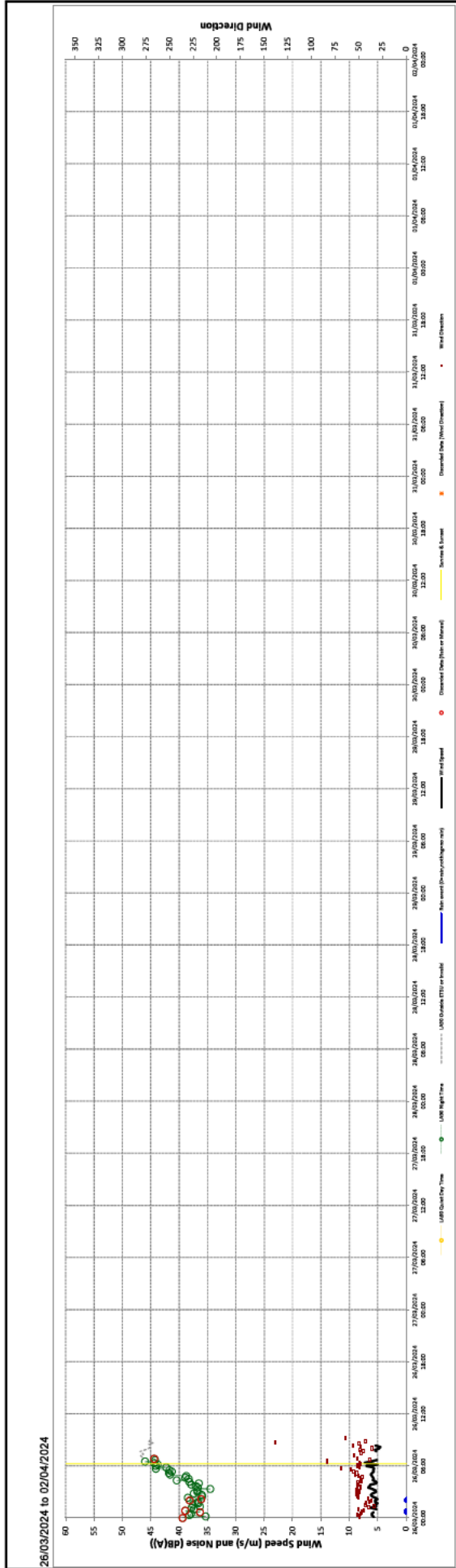
30/01/2024 to 06/02/2024



06/02/2024 to 13/02/2024



	Project	M74 West Renewable Energy Park
	Client	M74 West Limited
	Title	Time Series for Over Balgray Page 1 of 5
	Date	25/06/2024

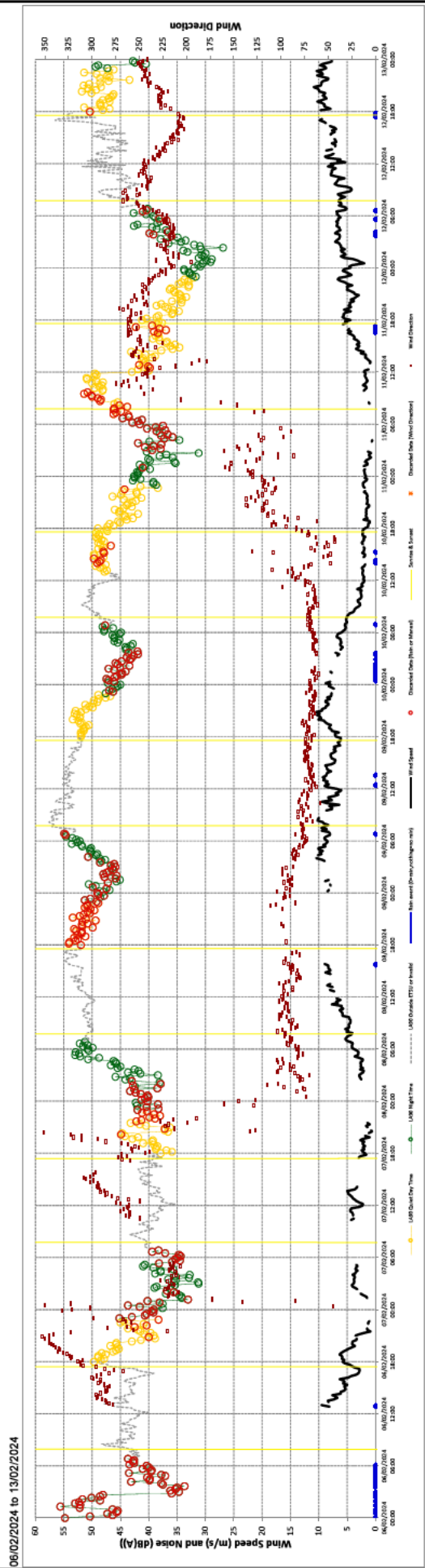
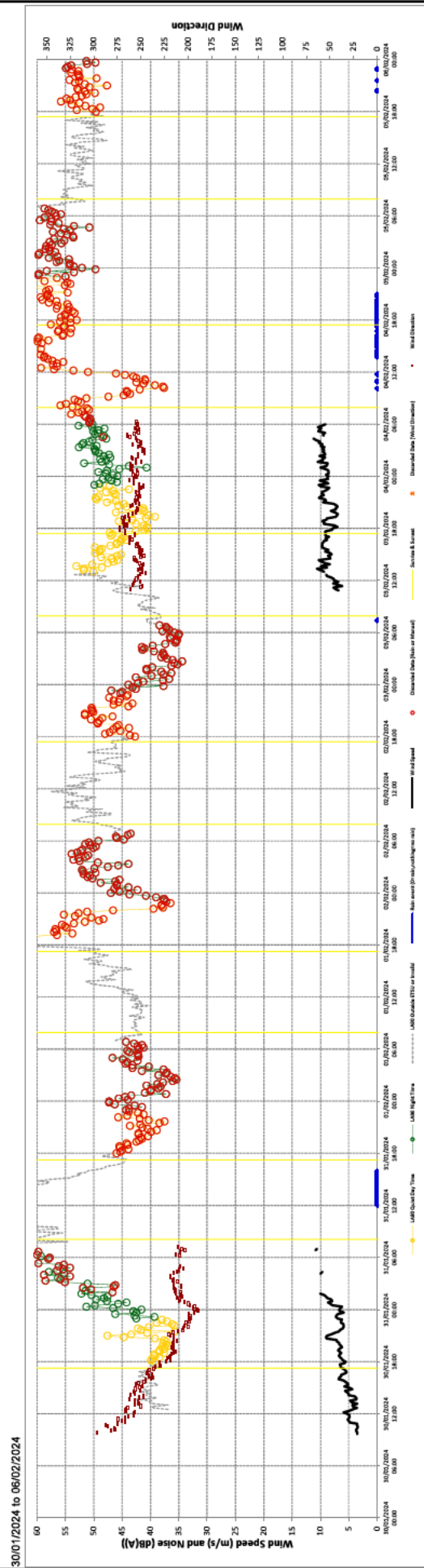


Project M74 West Renewable Energy Park

Client M74 West Limited

Title Time Series for Dunston Bridge House Page 5 of 5

Date 26/06/2024



Project M74 West Renewable Energy Park

Client M74 West Limited

Title Time Series for Netherton Farm Page 1 of 5

Date 26/06/2024