

Appendix 13B

Noise Survey Details & Calibration Certs



Appendix 13B - Noise Survey Details and Calibration Certs

Summary of Noise Instrumentation Used:

Location	Equipment	Model	Serial Number
NML 1	Sound Level Meter	Type 2250L	3024283
	Outdoor Microphone Kit	EH2152_90	2788792
NML 2	Sound Level Meter	Type 2250L	2654662
	Outdoor Microphone Kit	1404	2737145
NML 3	Sound Level Meter	Type 2250L	3001350
	Outdoor Microphone Kit	1404	2745850
NML 4	Sound Level Meter	Type 2250L	3001456
	Outdoor Microphone Kit	1404	2585952
NML 5	Sound Level Meter	Type 2250	3010911
	Outdoor Microphone Kit	1404	2415424
NML 6	Sound Level Meter	Type 2250	2567756
	Outdoor Microphone Kit	EH2152_90	3037375
All	Acoustic Calibrator	Type 4231	

Personnel:

David Courtney, BEng, MIOA (Acoustic Consultant) graduated with a BEng. in Mechatronic Engineering from DCU in 2017 and qualified with IOA Diploma in Acoustics and Noise Control (2019) & Certificate in Environmental Noise Measurements (2017). David undertakes all types of noise and vibration surveys in relation to wind turbines planning and compliance, IPPC & IE compliance, BS4142, BS5228 and BS8233 assessments, traffic noise, construction, building acoustics and occupational assessments. He also manages a team of survey engineers and provides technical support to consultants. He has considerable expertise in the assessment of wind turbine noise and conducted many similar impact assessments for EIARs.

Aishaani Sharma, (Junior Consultant) graduated with an MSc in Environmental Science from Trinity College in 2024 and holds a BSc (Hons.) in Biotechnology and qualified with IOA Certificate in Environmental Noise Measurements (2024). Since starting with Enfonic in May 2024 she has undertaken many noise surveys including baseline surveys in relation to wind farms. She provides expertise in relation to impacts on biodiversity and has



drafted several noise and vibration chapters for Environmental Impact Assessment Reports (EIARs) for proposed wind farm developments.

Calibration Certificates:

















Certificate of Calibration

Issued by University of Salford (Acoustic Calibration Laboratory)
UKAS ACCREDITED CALIBRATION LABORATORY NO. 0801

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APPROVED SIGNATORIES

Claire Lomax [] Sean Furlong []
Harry Bulger [x] Daniel Wong-McSweeney []

Salford

acoustic calibration laboratory The University of Salford, Salford, Greater Manchester, M5 4WT, UK http://www.acoustics.salford.ac.uk : 01612953030/01612953319 f 01612954456 e clomax1@salford.ac.uk

Certificate Number: 06447/1

Date of Issue: 19 October 2023

CALIBRATION OF A SOUND CALIBRATOR

FOR: Enfonic Ltd Unit 2A Century Business Park Dublin D11 T0HV

FOR THE ATTENTION OF: Ivan Ryan

DESCRIPTION: Calibrator with housing for one-inch microphones and adaptor type UC 0210 for half-inch microphones.

MANUFACTURER: B&K

TYPE: 4231

SERIAL NUMBER: 2343370

DATE RECEIVED: 13 October 2023

DATE OF CALIBRATION: 18 October 2023

LOCATION OF CALIBRATION: Acoustic Calibration Laboratory, Newton G31, University of Salford.

TEST PROCEDURE: CTP06 (Laboratory Manual)

Test Engineer (initial):

Name: Gary Phillips

 ${\it Results in this certificate relate only to instruments tested}.$

This certificate is issued in accordance with the laboratory accreditation requirements of the United Kingdom Accreditation Service. It provides traceability of resouvement to the SR system of units and/or to the units of measurement realized at the National Physical Laboratory or other reacquisted rational metrology fractures. This certificate may not be reproduced other than in full except with the prior written approved of the issuing laboratory.



Noise Survey Photos:

NML 1



NML 2





NML 3



NML 4





NML 5



NML 6

