Appendix 7 - Calibration Records 2021

Type	Model	Serial No.	Calibration Date	Certificate No.	Lab/On-site Calibration	Notes
Meter	NOR-118	32112	26/02/20	34181	On-site calibration	In use at NMT1 Kinnegar
Pre-amp	GRAS-41AM	56262	26/02/20	34181	On-site calibration (with 32112)	In use at NMT1 Kinnegar
Mic	GRAS-42AS	69414	26/02/20	34181	On-site calibration (with 32112/56262)	In use at NMT1 Kinnegar
Meter	NOR-118	32117	26/02/20	34180	On-site calibration	In use at NMT2 Nettlefield
Pre-amp	GRAS-41AM	95491	26/02/20	34180	On-site calibration (with 32117)	In use at NMT2 Nettlefield
Mic	GRAS-42AS	73643	26/02/20	34180	On-site calibration (with 32117/95491)	In use at NMT2 Nettlefield

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Certificate of Field Calibration

Certificate Number:- 34180

Test Object: **Sound Level Meter Class 1 (Precision)**

Manufacturer: **Norsonic**
Type: **118**
Serial no: **32117 NMT1 - Nettlefield**

Customer: Belfast City Airport
Address: Sydenham Bypass
Belfast
Contact Person Ian Nuttall

Method:
The unit's absolute acoustic sensitivity has been set in accordance with the manufacturer's recommendations using an associated calibrator. A series of acoustic tests have then been performed to verify the performance of the unit over its operating range. The units self noise has also be verified. The results of these tests are detailed overleaf.

	Producer:	Type:	Serial No:	Certificate number:
Microphone:	GRAS	41AM	95491	Included
Calibrator:	Norsonic	1251	30873	U33781

Additional items that have been used for verification:

Multi-frequency calibrator	Nor-1253	Serial No:	27765
Calibrator	Nor-1257	Serial No:	125725145
Calibrator	Nor-1253	Serial No:	21816
Calibration coupler for GRAS-41AM	GRAS-RA0009	Serial No:	429
Dummy microphone	GRAS-RA0041		

These items have been taken into account wherever possible.

Date of calibration 26/02/2020
Date of issue 27/02/2020

Engineer

[redacted]

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Certificate of Field Calibration

Certificate Number:- 34181

Test Object: **Sound Level Meter Class 1 (Precision)**

Manufacturer: **Norsonic**
Type: **118**
Serial no: **32112 - Mobile Noise Monitor**

Customer: Belfast City Airport
Address: Sydenham Bypass
Belfast
Contact Person Ian Nuttall

Method:
The unit's absolute acoustic sensitivity has been set in accordance with the manufacturer's recommendations using an associated calibrator. A series of acoustic tests have then been performed to verify the performance of the unit over its operating range. The units self noise has also be verified. The results of these tests are detailed overleaf.

	Producer:	Type:	Serial No:	Certificate number:
Microphone:	GRAS	41AM	56262	Included
Calibrator:	Norsonic	1251	30873	U33781

Additional items that have been used for verification:

Multi-frequency calibrator	Nor-1253	Serial No:	27765
Calibrator	Nor-1257	Serial No:	125725145
Calibrator	Nor-1253	Serial No:	21816
Calibration coupler for GRAS-41AM	GRAS-RA0009	Serial No:	429
Dummy microphone	GRAS-RA0041		

These items have been taken into account wherever possible.

Date of calibration 26/02/2020
Date of issue 27/02/2020

Engineer

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