

CERTIFICATE OF CALIBRATION

Issued By Reg.4775471

Date of Issue 13 July 2016

Certificate Number
ACT14199

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Approved Signatory

J.Craven P.Davies M.Foley K.Booth N.R.Harrison

Customer :

Date Received : 13 July 2016

Instrument : System ID : S05140510270 Job Number : ACT2792
Description : Sound Level Meter
Manufacturer : Standard
Model Number : ST805
Serial Number : 140510270
Procedure Version : ACT

Environmental Conditions

Temperature : 20°C +/- 3°C
Relative Humidity : 50% +/- 10%

Mains Voltage : 240V +/- 10V
Mains Frequency : 50Hz +/- 1Hz

Comments

Instrument was placed in lab and allowed to stabilise before calibration.

All Tests Passed calibration.

Traceability Information

Instrument description	Serial number	Certificate number	Cal. Date	Cal. Period
Type 1 Sound Level Assembly	06524153/17198	01481/2	11/10/2013	156
Sound Calibrator Cavity	990712	01481/1	11/10/2013	156

Calibrated By : P.Davies

Date of Calibration : 13 July 2016

This certificate provides traceability of measurement to recognised National Standards, and to the units of measurement realised at the National Physical Laboratory or other recognised National Standards laboratories.
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This certificate complies with the requirements of BS EN 30012-1:1993 (ISO 10012-1:1992).

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Test Title	Tolerance	Applied Value	Reading	Pass/Fail
Sound Level Pressure @ 1kHz				
dBA Lo RANGE	1.5dB	94.0dB	94.0dB	Pass
dBA Hi RANGE	1.5dB	94.0dB	93.8dB	Pass
..	1.5dB	104.0dB	103.4dB	Pass
..	1.5dB	114.0dB	112.8dB	Pass
dBC Lo RANGE	1.5dB	94.0dB	94.0dB	Pass
dBC Hi RANGE	1.5dB	94.0dB	94.0dB	Pass
..	1.5dB	104.0dB	103.6dB	Pass
..	1.5dB	114.0dB	113.0dB	Pass

Uncertainties

A.C. Voltage	0 to 1000V 0.01% +/- 1digit
A.C. Current	0 to 10A 0.02% +/- 2digit
AUDIO	+/-0.7dB
Frequency	0.1ppM +/- 1digit