

Certificate of Calibration

Issued by University of Salford (Acoustics Calibration Laboratory)

University of
Salford
MANCHESTER

Page 1 of 2

APPROVED SIGNATORIES

Claire Lomax [] Andy Moorhouse []

Gary Phillips [] Danny McCaul []



acoustic calibration laboratory

The University of Salford, Salford, Greater Manchester, M5 4WT, UK
<http://www.acoustics.salford.ac.uk>
t 0161 295 3030-0161 295 3319 f 0161 295 4456 e c.lomax1@salford.ac.uk

Certificate Number: 00991/5

Date of Issue: 10 October 2012

VERIFICATION OF A SOUND LEVEL METER to BS7580 Part 1

FOR:	AWN Consulting Limited The Tecpro Building Clonshaugh Business and Technology Park Dublin 17
FOR THE ATTENTION OF:	JAMES MANGAN
CALIBRATION DATE:	10 October 2012
TEST PROCEDURE:	CTP08 (Laboratory Manual)

Sound Level Meter							
Manu:	Bruel & Kjaer	Model:	2238	Serial No:	2562813		
Microphone							
Manu:	Bruel & Kjaer	Model:	4188	Serial No:	2599947		
Preamp							
Manu:	Bruel & Kjaer	Model:	ZC 0030	Serial No:	4191		
Associated Calibrator							
Manu:	Bruel & Kjaer	Model:	4231	Serial No:	2394086	Adaptor Type:	UC 0210

Test Engineer (initial): 

Name: Gary Phillips

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. This certificate may not be reproduced other than in full except with the prior written approval of the issuing laboratory.

Certificate of Calibration

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



0801

Page 1 of 2

APPROVED SIGNATORIES

Claire Lomax [x] Andy Moorhouse []
Gary Phillips [] Danny McCaul []

acoustic calibration laboratory

The University of Salford, Salford, Greater Manchester, M5 4WT, UK
<http://www.acoustics.salford.ac.uk>
t 0161 295 3030/0161 295 3319 f 0161 295 4456 e c.lomax1@salford.ac.uk

University of
Salford
MANCHESTER

Certificate Number: 01520/2

Date of Issue: 8 November 2013

VERIFICATION OF A TYPE 1 SOUND LEVEL METER to BS7580 Part 1

FOR:	AWN Consulting Limited The Tecpro Building Clonshaugh Business and Technology Park Dublin 17
FOR THE ATTENTION OF:	JAMES MANGAN
CALIBRATION DATE:	08/11/2013
TEST PROCEDURE:	CTP08 (Laboratory Manual)

Sound Level Meter							
Manu:	Bruel & Kjaer	Model:	2238	Serial No:	2684496		
Microphone							
Manu:	Bruel & Kjaer	Model:	4188	Serial No:	2630825		
Preamp							
Manu:	Bruel & Kjaer	Model:	ZC 0030	Serial No:	3451		
Associated Calibrator							
Manu:	Bruel & Kjaer	Model:	4231	Serial No:	2394086	Adaptor:	UC0210

Test Engineer (initial): GP

Name: Gary Phillips

This certificate is issued in accordance with the laboratory accreditation requirements of the United Kingdom Accreditation Service. It 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. This certificate may not be reproduced other than in full except with the prior written approval of the issuing laboratory.