

Schedule of Accreditation

issued by

United Kingdom Accreditation Service

21 - 47 High Street, Feltham, Middlesex, TW13 4UN, UK

 <p style="text-align: center;">UKAS CALIBRATION</p> <p style="text-align: center;">0798</p> <p style="text-align: center;">Accredited to ISO/IEC 17025:2005</p>	<h3>Acoustic Metrology Ltd</h3> <p>Issue No: 006 Issue date: 25 August 2011</p>	
	<p>46 Eastmuir Street Glasgow G32 0HS</p>	<p>Contact: Mr D Canning Tel: +44 (0) 141 764 2100 Fax: +44 (0) 141 778 4612 E-Mail: david.canning@a-met.com Website: www.a-met.com</p>
<p>Calibration performed by the Organisations at the locations specified below</p>		

Locations covered by the organisation and their relevant activities

Laboratory locations:

Location details	Activity	Location code
<p>Address 46 Eastmuir Street Glasgow G32 0HS</p> <p style="text-align: right;">Local contact Mr D Canning</p>	<p>Audiometer calibrations Calibration of microphones</p>	<p>Lab</p>

Site activities performed away from the locations listed above:

Location details	Activity	Location code
<p>Any suitable customer premises</p> <p style="text-align: right;">Contact: Mr D Canning</p>	<p>Audiometer calibrations</p>	<p>Site</p>



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DETAIL OF ACCREDITATION

Measured Quantity Instrument or Gauge	Range	Calibration and Measurement Capability (CMC) Expressed as an Expanded Uncertainty ($k=2$)	Remarks	Location Code
AUDIOMETER CALIBRATIONS				
Pure tone air conduction SPL	125 Hz to 8000 Hz	0.50 dB 0.70 dB	Types 1 to 4, as classified in BS EN 60645-1:1995	Lab Site
Narrow band masking	125 Hz to 8000 Hz	0.70 dB 1.0 dB		Lab Site
Pure tone bone conduction FL	250 Hz to 4000 Hz	1.50 dB		Lab & site
Pure tone frequency	125 Hz to 1000 Hz 1000 Hz to 8000 Hz	0.10 Hz 1.00 Hz		
Total harmonic distortion Attenuator linearity	125 Hz to 8000 Hz	0.3%		
130 dB to 40 dB HLS <40 dB to 0 dB HLS <0 dB to -10 dB HLS	[1000 Hz]	0.20 dB 0.40 dB 0.50 dB	Measured between successive Hearing Level Settings	Lab
MICROPHONE CALIBRATIONS				
Pressure Sensitivity of B & K Type 4144 (1") microphones	125 Hz to 8000 Hz	125 Hz to 8000 Hz	By sequential comparison	
Pressure Sensitivity of B & K Type 4134 (0.5") microphones	125 Hz to 16000 Hz	0.14 dB	By simultaneous comparison	
END				