

<b>CLIENT</b>	Cooper MEDC Ltd Unit B, Sutton Parkway, Oddicroft Lane, Sutton in Ashfield, NG17 5FB United Kingdom	<b>CERTIFICATE NUMBER</b>	AXTF14010-07-Issue 2
		<b>PROJECT NUMBER</b>	AXTF14010
		<b>CLIENTS ORDER NUMBER</b>	BT001

<b>EQUIPMENT UNDER TEST</b>	Loudspeaker
<b>MODEL NUMBER</b>	DB10
<b>SERIAL NUMBER</b>	205768487 20 01

<b>TEST SPECIFICATION / ISSUE</b>	BS EN60068-2-1:2007, BS EN60068-2-2:2007, BS EN60068-2-30:2005 BS EN60068-2-6:2008, BS EN60068-2-52:1996, BS EN 60092-504:2001 BS EN60945:2002, IEC60945:2002
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<b>DATE OF TEST</b>	21 <sup>st</sup> June – 10 <sup>th</sup> OCTOBER 2014
<b>TESTS APPLIED</b>	BS EN60068-2-1: Environmental testing - Cold (Test A) BS EN60068-2-2: Environmental testing – Dry Heat (Test B) BS EN60068-2-30: Environmental Testing – Damp Heat (Test Db) Cyclic BS EN60068-2-6: Vibration (Sinusoidal), Test Fc BS EN60068-2-52: Environmental Testing, Salt mist – Cyclic (Test Kb) BS EN60945: Maritime navigation and radio communication equipment and systems – General Requirements

<b>RESULT OF TEST</b>	There was no noticeable deterioration or damage following the testing. See below for test details.
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**DETAILS OF APPLIED TESTS**

**Vibration Testing**

The equipment was mounted to the vibration table and the following test levels applied:

Frequency	2 to 100Hz
Maximum Acceleration:	0.7g
Sweep rate:	1 Octave/Minute
Quantity:	1 sweep per axis
Directions:	Each of three main axis
Endurance dwell Freq:	24.7Hz (x), 24.12Hz(y) 30Hz(z)

**Low Temperature**

The equipment was exposed to a temperature of -20°C for a period of 16hours



### Dry Heat

The equipment was exposed to a temperature of +70°C for a period of 16 hours

### Power Supply Variation

The equipment complied to requirements of EN 60092-504 /BS EN 60925, +20% and -30% of nominal supply voltage.

### Salt Mist

The equipment was exposed to 2 hours of 5% NaCl spray, and then subjected to a 40°C 95% RH atmosphere for 7 days. This cycle was repeated a total of four times.

Approved By :

A handwritten signature in blue ink, appearing to read 'A. Dixon'.

Date: 21 October 2014

Aaron Dixon  
Test Laboratory Manager