

**ESG Matters Limited – Acoustic Calibration Centre**

益思智綠色金融科技有限公司－聲學校正實驗所

**ADDRESS** : Unit 1813, 1815-16, 18/F, Tower A, Regent Centre, 63 Wo Yi Hop Road,  
地址 Kwai Chung, New Territories, Hong Kong  
香港新界葵涌和宜合道63號麗晶中心A座18樓1813，1815-16室

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**CLIENTELE** : Public  
服務對象 公眾



Scope of Accreditation  
Registration No. HOKLAS 302  
Page 1 of 3  
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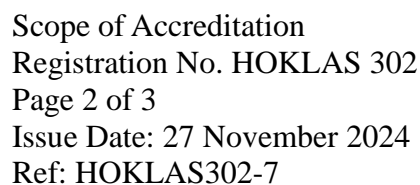
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**ACCREDITED TEST** : Calibration Services 校正服務

**CATEGORY**  
**認可測試類別**



## 益思智綠色金融科技有限公司－聲學校正實驗所

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\* The calibration uncertainty of a device under test, which is usually reported at 95% confidence level, depends on both the CMC of the laboratory and the performance of the device during calibration.

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Calibration Services 校正服務		
ITEM TESTED OR MEASURED 測試或量度項目	SPECIFIC TEST OR PROPERTY MEASURED® 特定測試或量度的特性®	CALIBRATION AND MEASUREMENT CAPABILITY (CMC)* 校準和測量能力*
Acoustic measurement (cont'd)		
- Sound level meter	<p>Calibration for the following parameters in accordance with IEC 61672-3: 2013 Cl. 11.2, 13, 14, 15, 16, 17, 18, 19, 20 and 21</p> <ul style="list-style-type: none"> <li>- Self-generated noise with microphone replaced by the electrical input signal device</li> <li>- Electrical signal tests of frequency weightings at the following frequencies: <ul style="list-style-type: none"> <li>63.1 Hz</li> <li>125.9 Hz</li> <li>251.2 Hz</li> <li>501.2 Hz</li> <li>1000 Hz</li> <li>1995.3 Hz</li> <li>3981.1 Hz</li> <li>7943.3 Hz</li> <li>15848.9 Hz</li> </ul> </li> <li>- Frequency and time weightings at 1 kHz</li> <li>- Long-term Stability</li> <li>- Level linearity on the reference level range</li> <li>- Level linearity including the level range control</li> <li>- Toneburst response</li> <li>- C-weighted peak sound level</li> <li>- Overload indication</li> <li>- High-level stability</li> </ul>	<p>0.2 dB</p> <p>0.2 dB</p> <p>0.2 dB</p> <p>0.2 dB</p> <p>0.2 dB</p> <p>0.2 dB</p> <p>0.2 dB</p> <p>0.2 dB</p> <p>0.2 dB</p> <p>0.2 dB</p> <p>0.2 dB</p> <p>0.2 dB</p> <p>0.2 dB</p> <p>0.2 dB</p> <p>0.2 dB</p> <p>0.2 dB</p> <p>0.2 dB</p>
- Real-time one third octave band analyzer	<p>Calibration for the following parameters in accordance with IEC 61260: 1995 Cl. 4.4 and 5.3</p> <ul style="list-style-type: none"> <li>- Relative attenuation in the pass-band</li> <li>- Relative attenuation outside the pass-band</li> </ul>	<p>0.2 dB</p> <p>1.8 dB</p>

® Unless otherwise specified, accredited activities are conducted at the laboratory.

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