



Acoustic Testing Services Limited
聲學測試服務有限公司

ADDRESS : Unit N, 5/F, Century Industrial Centre, 33-35, Au Pui Wan Street, Fo Tan,
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香港新界沙田火炭坳背灣街 33-35 號世紀工業中心 5 字樓 N 室

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ADDRESS

地址

- Main Laboratory** : Unit E, 2/F, Century Industrial Centre, 33-35 Au Pui Wan Street, Fo Tan, Shatin, New Territories, Hong Kong
香港新界沙田火炭坳背灣街 33-35 號世紀工業中心 2 字樓 E 室
- Test Location at Guangzhou City** : Room 7001, South China University of Technology, Guangzhou City, Guangdong Province, P. R. China
中國廣東省廣州市華南理工大學 7 號樓 7001 室
- Test Location at Jiangmen City** : No. 1, 1st Industrial Area, Lile, Wusha, Jianghai District, Jiangmen, Guangdong Province, P. R. China
中國廣東省江門市江海區禮樂鎮烏紗第一工業園 1 號
- Test Location at Dongguan City** : Chemco Building, Wang Zhongming Road Nos.1, Shipai Town, Dongguan City, Guangdong Province, P. R. China
中國廣東省東莞市石排鎮王仲銘大道興隆一路精科大廈
- ACCREDITED TEST CATEGORY** : Construction Materials 建築材料
認可測試類別

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Construction Materials 建築材料		
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	SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED 規範、標準方法或應用技術
Acoustics (Sound insulation)	Laboratory measurement of airborne sound insulation of building elements	BS 2750: Part 3: 1995 BS EN ISO 140-3: 1995 + Amd. 1: 2004 BS EN ISO 10140-2: 2010 BS EN ISO 10140-2: 2021 in conjunction with the following rating method(s): BS EN ISO 717-1: 1997 BS EN ISO 717-1: 2013 BS EN ISO 717-1: 2020 ISO 717-3: 1982
	建筑构件空气声隔声的实验室测量	GB/T 19889.3-2005 in conjunction with the following rating method: GB/T 50121-2005
	Laboratory measurement of airborne sound insulation of small building elements	BS EN 20140-10: 1992 ISO 140-10: 1991 in conjunction with the following rating method(s): BS EN ISO 717-1: 1997 ISO 717-3: 1982
	Laboratory measurement of airborne sound transmission loss of building partitions and elements	ASTM E90-04 ASTM E90-09 ASTM E90-09 (2016) in conjunction with the following rating method(s): ASTM E413-10 ASTM E413-16 ASTM E413-22 ASTM E1332-10a ASTM E1332-16 ASTM E1332-22 BS EN ISO 717-1: 2013 BS EN ISO 717-1: 2020
Laboratory measurement of intrinsic characteristics of airborne sound insulation for road traffic noise reducing devices.	BS 2750: Part 3: 1995 BS EN ISO 140-3: 1995 + Amd. 1: 2004 BS EN ISO 10140-2: 2010 BS EN ISO 10140-2: 2021 in conjunction with the following specification(s): BS EN 1793-2: 1998 BS EN 1793-2: 2012 BS EN 1793-2: 2018 BS EN 1793-3: 1998	

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Acoustics (Sound insulation) (cont'd)	Field measurement of airborne sound insulation between rooms in buildings and of building elements	BS EN ISO 140-4: 1998 in conjunction with the following rating method: BS EN ISO 717-1: 1997
	Field measurement of airborne sound attenuation between rooms in buildings	ASTM E336-16 ASTM E336-17a ASTM E336-20 ASTM E336-23 in conjunction with the following rating method(s): ASTM E413-10 ASTM E413-16 ASTM E413-22
Acoustics (Sound absorption)	Laboratory measurement of sound absorption in a reverberation room (All Mounting Types)	BS EN ISO 354: 2003 in conjunction with the following rating method: BS EN ISO 11654: 1997
	Laboratory measurement of sound absorption and sound absorption coefficients by the reverberation room method (All Mounting Types)	ASTM C423-09a ASTM C423-17 ASTM C423-22 in conjunction with the following mounting method(s): ASTM E795-05 ASTM E795-16 ASTM E795-23
	Laboratory measurement of intrinsic characteristics of sound absorption for road traffic noise reducing devices	BS EN ISO 354: 2003 in conjunction with the following specification(s): BS EN 1793-1: 2012 BS EN 1793-1: 2017 BS EN 1793-3: 1998
	混响室吸声测量 (所有安装类型)	GB/T 20247-2006 in conjunction with the following rating method: BS EN ISO 11654: 1997

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Acoustics (Impact insulation)	Field measurement of impact sound insulation of floors in buildings and of building elements 樓板撞擊聲隔聲的現場測量	BS EN ISO 140-7: 1998 / ISO 140-7: 1998 in conjunction with the following rating method: BS EN ISO 717-2: 1997 GB/T 19889.7-2005 in conjunction with the following rating method: GB/T 50121-2005
	Field measurement of tapping machine impact sound transmission through floor-ceiling assemblies and associated support structures.	ASTM E1007-04 ^{e1} ASTM E1007-16 ASTM E1007-19 ASTM E1007-21 in conjunction with the following rating method(s): ASTM E989-06 ASTM E989-06 (2012) ASTM E989-18 ASTM E989-21
	Field measurement of rain impact insulation of building elements excited by artificial rainfall	In house method ATS-IHM002-RI
Acoustics (Sound power level and sound energy level)	Laboratory measurement of sound power levels and sound energy levels of noise sources using sound pressure – precision methods for reverberation test rooms	BS EN ISO 3741: 2010
Acoustics (others)	Field measurement of background noise for rooms of Noise Criteria (NC) and/or Noise Rating (NR)	In house method ATS-IHM001-NC
	Field measurement of reverberation time in ordinary rooms	BS EN ISO 3382-2: 2008

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Acoustics (Sound insulation)	Laboratory measurement of airborne sound insulation of building elements	BS 2750: Part 3: 1995 BS EN ISO 140-3: 1995 + Amd. 1: 2004 BS EN ISO 10140-2: 2010 BS EN ISO 10140-2: 2021 in conjunction with the following rating method(s): BS EN ISO 717-1: 1997 BS EN ISO 717-1: 2013 BS EN ISO 717-1: 2020 ISO 717-3: 1982
	建筑构件空气声隔声的实验室测量	GB/T 19889.3-2005 in conjunction with the following rating method: GB/T 50121-2005
	Laboratory measurement of airborne sound insulation of small building elements	BS EN 20140-10: 1992 ISO 140-10: 1991 in conjunction with the following rating method(s): BS EN ISO 717-1: 1997 ISO 717-3: 1982
	Laboratory measurement of airborne sound transmission loss of building partitions and elements	ASTM E90-04 in conjunction with the following rating method(s): ASTM E413-10 ASTM E413-16 ASTM E413-22 BS EN ISO 717-1: 2013 BS EN ISO 717-1: 2020
Laboratory measurement of intrinsic characteristics of airborne sound insulation for road traffic noise reducing devices.	BS 2750: Part 3: 1995 BS EN ISO 140-3: 1995 + Amd. 1: 2004 BS EN ISO 10140-2: 2010 BS EN ISO 10140-2: 2021 in conjunction with the following specification(s): BS EN 1793-2: 1998 BS EN 1793-2: 2012 BS EN 1793-2: 2018 BS EN 1793-3: 1998	

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Acoustics (Sound absorption)	<p>Laboratory measurement of sound absorption in a reverberation room (All Mounting Types)</p> <p>Laboratory measurement of sound absorption and sound absorption coefficients by the reverberation room method (All Mounting Types)</p> <p>Laboratory measurement of intrinsic characteristics of sound absorption for road traffic noise reducing devices</p> <p>混响室吸声测量 (所有安装类型)</p>	<p>BS EN ISO 354: 2003 in conjunction with the following rating method: BS EN ISO 11654: 1997</p> <p>ASTM C423-09a ASTM C423-17 ASTM C423-22 in conjunction with the following mounting method(s): ASTM E795-05 ASTM E795-16 ASTM E795-23</p> <p>BS EN ISO 354: 2003 in conjunction with the following specification(s): BS EN 1793-1: 2012 BS EN 1793-1: 2017 BS EN 1793-3: 1998</p> <p>GB/T 20247-2006 in conjunction with the following rating method: BS EN ISO 11654: 1997</p>

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Acoustics (Sound insulation)	Laboratory measurement of airborne sound insulation of building elements	BS 2750: Part 3: 1995 BS EN ISO 140-3: 1995 + Amd. 1: 2004 BS EN ISO 10140-2: 2010 BS EN ISO 10140-2: 2021 in conjunction with the following rating method(s): BS EN ISO 717-1: 1997 BS EN ISO 717-1: 2013 BS EN ISO 717-1: 2020 ISO 717-3: 1982
	建筑构件空气声隔声的实验室测量	GB/T 19889.3-2005 in conjunction with the following rating method: GB/T 50121-2005
	Laboratory measurement of airborne sound insulation of small building elements	BS EN 20140-10: 1992 ISO 140-10: 1991 in conjunction with the following rating method(s): BS EN ISO 717-1: 1997 ISO 717-3: 1982
	Laboratory measurement of airborne sound transmission loss of building partitions and elements	ASTM E90-04 ASTM E90-09 ASTM E90-09 (2016) in conjunction with the following rating method(s): ASTM E413-10 ASTM E413-16 ASTM E413-22 ASTM E1332-10a ASTM E1332-16 ASTM E1332-22 BS EN ISO 717-1: 2013 BS EN ISO 717-1: 2020
	Laboratory measurement of intrinsic characteristics of airborne sound insulation for road traffic noise reducing devices.	BS 2750: Part 3: 1995 BS EN ISO 140-3: 1995 + Amd. 1: 2004 BS EN ISO 10140-2: 2010 BS EN ISO 10140-2: 2021 in conjunction with the following specification(s): BS EN 1793-2: 1998 BS EN 1793-2: 2012 BS EN 1793-2: 2018 BS EN 1793-3: 1998

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Acoustics (Sound absorption)	Laboratory measurement of sound absorption in a reverberation room (All Mounting Types)	BS EN ISO 354: 2003 in conjunction with the following rating method: BS EN ISO 11654: 1997
	Laboratory measurement of sound absorption and sound absorption coefficients by the reverberation room method (All Mounting Types)	ASTM C423-09a ASTM C423-17 ASTM C423-22 in conjunction with the following mounting method(s): ASTM E795-05 ASTM E795-16 ASTM E795-23
	Laboratory measurement of intrinsic characteristics of sound absorption for road traffic noise reducing devices	BS EN ISO 354: 2003 in conjunction with the following specification(s): BS EN 1793-1: 2012 BS EN 1793-1: 2017 BS EN 1793-3: 1998
	混响室吸声测量 (所有安装类型)	GB/T 20247-2006 in conjunction with the following rating method: BS EN ISO 11654: 1997
Acoustics (Impact insulation)	Laboratory measurement of impact sound insulation of floors in buildings and of building elements	BS EN ISO 140-6: 1998 / ISO 140-6: 1998 in conjunction with the following rating method: BS EN ISO 717-2: 1997
	楼板撞击声隔声的实验室测量	GB/T 19889.6-2005 in conjunction with the following rating method: GB/T 50121-2005
	Laboratory measurement of impact sound transmission through floor-ceiling assemblies using the tapping machine	ASTM E492-09 ASTM E492-09 (2016) ^{e1} ASTM E492-22 in conjunction with the following rating method(s): ASTM E989-06 (2012) ASTM E989-18 ASTM E989-21
	Laboratory measurement of the reduction of transmitted impact noise by floor coverings on a heavyweight standard floor in buildings and of building elements	BS EN ISO 140-8: 1998 / ISO 140-8: 1997 in conjunction with the following rating method: BS EN ISO 717-2: 1997

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Acoustics (Impact insulation) (cont'd)	重质标准楼板覆面层撞击声改善量的实验室测量	GB/T 19889.8-2006 in conjunction with the following rating method: GB/T 50121-2005
	Laboratory measurement of impact sound insulation of building elements	BS EN ISO 10140-3: 2010 + A1: 2015 BS EN ISO 10140-3: 2021 in conjunction with the following rating method(s): BS EN ISO 717-2: 2013 BS EN ISO 717-2: 2020
	Laboratory measurement of the effectiveness of floor coverings in reducing impact sound transmission through concrete floors	ASTM E2179-03 (2009) ASTM E2179-03 (2016) ASTM E2179-21 in conjunction with the following rating method(s): ASTM E989-06 (2012) ASTM E989-18 ASTM E989-21 BS EN ISO 717-2: 1997 BS EN ISO 717-2: 2020
	Laboratory measurement of sound generated by rainfall on building elements	BS EN ISO 140-18: 2006
Acoustics (Sound power level and sound energy level)	Laboratory measurement of sound power levels and sound energy levels of noise sources using sound pressure – precision methods for reverberation test rooms	BS EN ISO 3741: 2010
Acoustics (others)	Laboratory measurement of room-to-room airborne sound insulation of a suspended ceiling with a plenum above it	BS 2750-9: 1987 BS EN 20140-9: 1994 ISO 140-9: 1985 in conjunction with the following rating method: BS EN ISO 717-1: 1997
	Laboratory measurement of airborne sound attenuation between rooms sharing a common ceiling plenum	ASTM E1414-06 ASTM E1414/E1414M-16 ASTM E1414/E1414M-21 ASTM E1414/E1414M-21a in conjunction with the following rating method(s): ASTM E413-10 ASTM E413-16 ASTM E413-22

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Acoustics (others) (cond't)	<p>Laboratory measurement of the flanking transmission of airborne and impact sound between adjoining rooms – application to light elements when the junction has a small influence</p> <p>Laboratory measurement of acoustical and airflow performance of duct liner materials and prefabricated silencers</p> <p>Laboratory measurement procedures for ducted silencers and air-terminal units – insertion loss, flow noise and total pressure loss</p> <p>管道消声器和风道末端单元的实验室测量方法-插入损失, 气流噪声和全压损失</p>	<p>BS EN ISO 10848-2: 2006 BS EN ISO 10848-2: 2017 in conjunction with the following rating method(s): BS EN ISO 717-1: 2013 BS EN ISO 717-1: 2020</p> <p>ASTM E477-06a ASTM E477-20</p> <p>BS EN ISO 7235: 2009</p> <p>GB/T 25516-2010</p>

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Acoustics (Sound power level and sound energy level)	Laboratory measurement of sound power levels of noise sources – engineering methods for small movable sources in reverberant fields – comparison method for hard-walled test rooms	ARI Standard 260- 2001 BS EN ISO 3743-1: 1995