



Acoustics and Air Testing Laboratory Co. Ltd.

聲學及空氣測試實驗室有限公司

- ADDRESS** : Room 422, Leader Industrial Centre, 57-59 Au Pui Wan Street, Fo Tan, Shatin,
地址 NT, Hong Kong
香港新界沙田火炭坳背灣街 57-59 號利達工業中心 422 室
- ENQUIRY** : Dr POON Wai-yin, Technical Director
查詢 潘偉賢博士，技術總監
Mr NG Yan-wa, Laboratory Manager
伍恩華先生，實驗室經理
- TELEPHONE** : 2668 3423
電話
- FAX** : 2668 6946
傳真
- E-MAIL** : inquiry@aa-lab.com
電郵
- WEBSITE ADDRESS** : <http://www.aa-lab.com>
網址
- CLIENTELE** : Public
服務對象 公眾



Scope of Accreditation
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422 室

TYPE OF INSPECTION BODY : A : Provides 'third party' inspection service to the public
檢驗機構類別 向公眾提供「第三方」檢驗服務

ACCREDITED INSPECTION : Indoor Air Quality Inspection 室內空氣質素檢驗
FIELD
認可檢驗領域

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Indoor Air Quality Inspection 室內空氣質素檢驗		
ITEM INSPECTED 檢驗項目	SPECIFIC PROPERTY OR CHARACTERISTIC INSPECTED 特定檢驗特性或特徵	SPECIFICATION, INSPECTION METHOD OR STANDARD 規範、檢驗方法或標準
Indoor Air Quality	On-site measurement of : - Temperature - Relative Humidity - Air Movement - Carbon Dioxide - Carbon Monoxide - Respirable Suspended Particulate - Total Volatile Organic Compound - Radon - Ozone On-site sampling of : - Airborne Bacteria - Formaldehyde - Nitrogen Dioxide Walkthrough Inspection IAQ Compliance Assessment	A Guide on Indoor Air Quality Certification Scheme for Offices and Public Places, The Government of the HKSAR, Indoor Air Quality Management Group, September 2003 Annex 3 (a), as documented in IAQ-SOP-01 (Temperature sensor; thermistor) Annex 3 (a), as documented in IAQ-SOP-02 (Humidity sensor capacitive measurement principle) Annex 3 (a), as documented in IAQ-SOP-03 (Hot wire velocity probe) Annex 3 (b), as documented in IAQ-SOP-04 (Non-dispersive infrared NDIR) Annex 3 (b), as documented in IAQ-SOP-05 (Electrochemical sensor) Annex 3 (g), as documented in IAQ-SOP-06 (Light scattering laser diode) Annex 3 (h), as documented in IAQ-SOP-07 (Photo-ionization sensor) Annex 3 (c), as documented in IAQ-SOP-08 (Electrostatic collection of alpha-emitters with spectral analysis) Annex 3 (f), as documented in IAQ-SOP-09 (Gas sensitive semiconductor) Annex 3 (i), as documented in IAQ-SOP-10 (Single stage impactor) Annex 3 (d), as documented in IAQ-SOP-11 (Passive sampler) Annex 3 (e), as documented in IAQ-SOP-12 (Passive sampler) Clause 11 Clause 13 to Clause 28

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Indoor Air Quality Inspection 室內空氣質素檢驗

ITEM INSPECTED 檢驗項目	SPECIFIC PROPERTY OR CHARACTERISTIC INSPECTED 特定檢驗特性或特徵	SPECIFICATION, INSPECTION METHOD OR STANDARD 規範、檢驗方法或標準
Indoor Air Quality	On-site measurement of : - Carbon Dioxide - Carbon Monoxide - Formaldehyde - Nitrogen Dioxide - Ozone - Radon - Respirable Suspended Particulate - Total Volatile Organic Compound On-site sampling of : - Airborne Bacteria - Formaldehyde - Nitrogen Dioxide Walkthrough Inspection Mould Inspection IAQ Compliance Assessment	A Guide on Indoor Air Quality Certification Scheme for Offices and Public Places, The Government of the HKSAR, Indoor Air Quality Management Group, January 2019 Annex 4 (a), as documented in IAQ-SOP-04 (Non-dispersive infrared NDIR) Annex 4 (a), as documented in IAQ-SOP-05 (Electrochemical sensor) Annex 4 (c), as documented in IAQ-SOP-11b (Electrochemical sensor) Annex 4 (d), as documented in IAQ-SOP-12b (Gas sensitive electrochemical sensor) Annex 4 (e), as documented in IAQ-SOP-09 (Gas sensitive semiconductor) Annex 4 (b), as documented in IAQ-SOP-08 (Electrostatic collection of alpha-emitters with analysis) Annex 4 (f), as documented in IAQ-SOP-06 (Light scattering laser diode) Annex 4 (g), as documented in IAQ-SOP-07 (Photo-ionization sensor) Annex 4 (h), as documented in IAQ-SOP-10 (Single-stage Impactor) Annex 4 (c), as documented in IAQ-SOP-11 (Passive sampler) Annex 4 (d), as documented in IAQ-SOP-12 (Passive sampler) Clauses 13 and 14 Clause 20 Clauses 16 to 19 and Clauses 21 to 40