



No. 019

Hong Kong Polytechnic University - Indoor Environmental Quality Laboratory
香港理工大學 - 室內環境質素試驗所

ADDRESS : Room FJ402, Department of Building Services Engineering, The
地址 Hong Kong Polytechnic University, Hung Hom, Hong Kong
香港紅磡香港理工大學屋宇設備工程學系 FJ402 室

AUTHORISED : Professor CHAN Wai Tin, Chief Executive
REPRESENTATIVE 陳維田教授，行政總材
委任代表

ENQUIRY : Professor CHAN Wai Tin, Chief Executive
查詢 陳維田教授，行政總材

Tel. 電話 : 2766 5840
Fax. 傳真 : 2765 7198
E-mail 電子郵箱 : bedaniel@polyu.edu.hk
Website 網頁地址 : <http://www.polyu.edu.hk>
Address

TYPE OF INSPECTION BODY : C : Provides inhouse inspection service to the Hong Kong
檢驗機構類別 Polytechnic University

ACCREDITED INSPECTION : Indoor Air Quality 室內空氣質素
FIELD
認可檢驗範圍

SCOPE OF ACCREDITATION : As shown on the following pages 詳見後頁
認可範圍

* * * * *

Hong Kong Polytechnic University - Indoor Environmental Quality Laboratory
香港理工大學 - 室內環境質素試驗所

| INSPECTION FIELD 檢驗範圍 | ITEMS, MATERIALS OR PRODUCTS TESTED 檢驗項目、物料或產品 | SPECIFIC PROPERTIES OR CHARACTERISTICS INSPECTED 特定檢驗特性或特徵 | SPECIFIC INSPECTION METHOD OR STANDARDS 特定檢驗方法或標準 |
|---------------------------------|--|--|---|
| INDOOR AIR QUALITY INSPECTION | 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 -Nitrogen Dioxide | In-house Method SOP - 006 (Temperature sensor ; thermistor) In-house Method SOP - 006 (Humidity sensor capacitive measurement principle) In-house Method SOP - 012 (Hot sphere transducer) In-house Method SOP - 006 (Non-dispersive infrared NDIR) In-house Method SOP - 006 (Electrochemical sensor) In-house Method SOP - 011 (Light scattering laser diode) In-house Method SOP - 009 (Photo-ionization sensor) In-house Method SOP - 008 (Electrostatic collection of alpha-emitters with spectral analysis) In-house Method SOP - 010 (Heated metal oxide semiconductor and gas sensitive Semiconductor) In-house Method SOP - 014 (Chemiluminescence) |

Hong Kong Polytechnic University - Indoor Environmental Quality Laboratory

香港理工大學 - 室內環境質素試驗所

| INSPECTION FIELD 檢驗範圍 | ITEMS, MATERIALS OR PRODUCTS TESTED 檢驗項目、物料或產品 | SPECIFIC PROPERTIES OR CHARACTERISTICS INSPECTED 特定檢驗特性或特徵 | SPECIFIC INSPECTION METHOD OR STANDARDS 特定檢驗方法或標準 |
|---------------------------------|--|--|---|
| INDOOR AIR QUALITY INSPECTION | Indoor Air Quality (Cont'd) | On-site sampling of -Airborne Bacteria -Formaldehyde -Nitrogen Dioxide Walkthrough Inspection IAQ Compliance Assessment | In-house Method SOP - 007 (Single stage impactor and centrifugal sampler) In-house Method SOP - 013 (Passive sampler) In-house Method SOP - 019 (Passive sampler) A Guide on Indoor Air Quality Certification Scheme HKSAR Government Indoor Air Quality Group Clause 11 A Guide on Indoor Air Quality Certification Scheme HKSAR Government Indoor Air Quality Group Clause 13 to Clause 28 |