

消防處  
牌照及審批總區  
香港九龍尖沙咀東部康莊道一號  
消防總部大廈五樓



FIRE SERVICES DEPARTMENT  
LICENSING AND CERTIFICATION COMMAND  
5/F, Fire Services Headquarters Building,  
No.1 Hong Chong Road, Tsim Sha Tsui East, Kowloon,  
Hong Kong

本處檔號 Our Ref.: (15) in FP(LC) 314/07 Pt. 7  
來函檔號 Your Ref.:  
圖文傳真 Fax: 852 - 2723 2197  
電話 Tel. No.: 852 - 2733 7612  
電郵 Email: [lcpolice@hkfsd.gov.hk](mailto:lcpolice@hkfsd.gov.hk)

1 February 2016

To: Recipients of FSD Circular Letters

Dear Sirs/Madams,

**FSD Circular Letter No. 1/2016**  
**Calibration Requirements for Test Instruments Used for**  
**Compliance Inspection of Fire Service Installations**

This Circular Letter serves to announce the calibration requirements for test instruments used for compliance inspection of fire service installations and equipment (FSI) as follows:

- (a) In addition to the test instruments for pressurization of staircase and dynamic smoke extraction system as specified in the *Code of Practice for Inspection, Testing and Maintenance of Installations and Equipment (April 2012)*, the following test instruments used for compliance inspection of fire service installations shall be calibrated by a recognized testing or calibration laboratory (see note 1):
  - (i) Multi-meter; and
  - (ii) Pressure gauge.
- (b) The valid calibration certificate for each calibrated test instrument shall be provided during the test.
- (c) Each calibrated test instrument shall be protected from tampering with a calibration label/serial tape sealed by the recognized testing or calibration laboratory. This requirement shall also be applied to calibrated test instruments used for acceptance tests on pressurization of staircase and dynamic smoke extraction system.

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- (d) Other requirements in relation to calibration of these test instruments are as follows:

<b>Test Instruments</b>	<b>Measuring Parameters</b>	<b>Accuracy</b>	<b>Validity Period of Calibration</b>
Multi-meter	Electrical characteristics	±5%	1 year
Pressure gauge	Water pressure	±5%	3 year

- (e) With regard to the calibration requirements for test instruments used for acceptance tests on pressurization of staircase and dynamic smoke extraction system which are currently in effect, please refer to the relevant paragraphs as stipulated in the *Code of Practice for Inspection, Testing and Maintenance of Installations and Equipment (April 2012)*.

This Circular Letter will take effect on 2 August 2016.

Yours faithfully,



(Robert LAU)  
for Director of Fire Services

*Note 1: A recognized laboratory shall be a testing or calibration laboratory with an accreditation from the Hong Kong Accreditation Service (HKAS) under the Hong Kong Laboratory accreditation Scheme (HOKLAS) or from other overseas laboratory accreditation bodies which have signed mutual recognition agreements with the HKAS.*