

# Schedule

Issue date: 9 February 2018  
Valid until: 10 February 2021



MS ISO/IEC 17025

NO: SMM 549

Page: 1 of 2

LABORATORY LOCATION:  
(PERMANENT LABORATORY)



CLMO PENANG SERVICE DEPARTMENT  
CLMO TECHNOLOGY (PENANG) SDN. BHD.  
NO. 6, LINTANG BAYAN LEPAS 2  
TAMAN PERINDUSTRIAN BAYAN LEPAS FASA 4  
11900 BAYAN LEPAS  
PULAU PINANG  
MALAYSIA

FIELD OF CALIBRATION: TEMPERATURE

FIELD OF TESTING: MECHANICAL (ENVIRONMENTAL TESTING)

This laboratory has demonstrated its technical competence to operate in accordance with MS ISO/IEC 17025:2005 (ISO/IEC 17025:2005).

This laboratory's fulfillment of the requirements of ISO/IEC 17025 means the laboratory meets both the technical competence requirements and management system requirements that are necessary for it to consistently deliver technically valid test results and calibrations. The management system requirements in ISO/IEC 17025 are written in language relevant to laboratory operations and operate generally in accordance with the principles of ISO 9001 (see Joint ISO-ILAC-IAF Communiqué dated April 2017).

\* The expanded uncertainties are based on an estimated confidence probability of approximately 95% and have a coverage factor of  $k=2$  unless stated otherwise.

SCOPE OF CALIBRATION: TEMPERATURE

SITE: CATEGORY III

Instrument Calibrated/ Measurement Parameter	Range	Calibration and Measurement Capability Expressed as an Uncertainty( $\pm$ )*	Remarks
Temperature & Humidity Chamber	-80 °C to 300 °C 5 %RH to 98 %RH	0.7 °C 4 %RH	Based on JTM K- 07:2007 and JTM K09:2009

Signatories:

1. Pung Chee Hon
2. \*\* Lau Kum Futt

\*\* Non-resident signatory

Scan this QR Code or visit [www.ism.gov.my/cab-directories](http://www.ism.gov.my/cab-directories) for the current scope of accreditation

# Schedule

Issue date: 9 February 2018  
Valid until: 10 February 2021



MS ISO/IEC 17025

NO: SAMM 549

Page: 2 of 2

## SCOPE OF TESTING: MECHANICAL (ENVIRONMENTAL TESTING)

Materials/ Products Tested	Type of Test/ Properties Measured/ Range of Measurement	Standard Test Methods/ Equipment/Techniques
Semiconductor, printed circuit board assembly, finished electrical and electronic product	Change of temperature Max temperature = 150 °C Min temperature = -65 °C	IEC 60068-2-14:2009 (Test Na and Test Nb)
	Damp heat cyclic 10 °C to 85 °C 20 %RH to 98 %RH	IEC 60068-2-30:2008
	Dry heat 30 °C to 200 °C	MS IEC 60068-2-2:2007 (Test Bb)
	Damp heat, steady state 10 °C to 85 °C 20 %RH to 98 %RH	MS IEC 60068-2-78:2008

### Signatories:

1. Pung Chee Hon
2. \*\* Lau Kum Futt

\*\* Non-resident signatory

Scan this QR Code or visit [www.jsm.gov.my/cab-directories](http://www.jsm.gov.my/cab-directories) for the current scope of accreditation