

**STANDARDS**
MALAYSIA

Certificate of Accreditation

No: SAMM 386

Accredited since: 14 February 2008

This is to certify that

CLMO TECHNOLOGY SDN. BHD.
SERI KEMBANGAN, SELANGOR
MALAYSIA



Scan QR Code or visit
www.ism.gov.my/cab-directories
for the current scope of accreditation

has been granted accreditation in respect of the scope of accreditation described in the schedule, subject to the terms and conditions governing the *Skim Akreditasi Makmal Malaysia* (SAMM), the Laboratory Accreditation Scheme of Malaysia.

Laboratories accredited under SAMM meet the requirements of MS ISO/IEC 17025. This Malaysian Standard is identical with ISO/IEC 17025 published by the International Organization for Standardization (ISO).

(DATUK FADILAH BAHARIN)
Director General
Department of Standards Malaysia

Date of issue: 9 January 2020



Schedule

Issue date: 9 January 2020
Valid until: 14 February 2023



MS ISO/IEC 17025

NO: SAMM 386

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LABORATORY LOCATION:



**CLMO TECHNOLOGY SDN. BHD.
NO. 10, JALAN DAGANG SB 4/2
OFF JALAN SUNGAI BESI
43300 SERI KEMBANGAN
SELANGOR, MALAYSIA**

FIELD OF CALIBRATION:

TEMPERATURE

This laboratory has demonstrated its technical competence to operate in accordance with MS ISO/IEC 17025:2017 (ISO/IEC 17025:2017).

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 & JTM K 09

Signatories:

1. Lau Kum Futt
2. Toh Hong Chwien

** Non-resident signatory

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**STANDARDS
MALAYSIA**

Certificate of Accreditation

No: SAMM 549

Accredited since: 10 February 2012

This is to certify that

CLMO PENANG SERVICE DEPARTMENT
CLMO TECHNOLOGY (PENANG) SDN. BHD.
BAYAN LEPAS, PULAU PINANG
MALAYSIA



Scan this QR Code or visit
www.jsm.gov.my/cab-directories
for the current scope of accreditation

has been granted accreditation in respect of the scope of accreditation described in the schedule, subject to the terms and conditions governing the *Skim Akreditasi Makmal Malaysia* (SAMM), the Laboratory Accreditation Scheme of Malaysia.

Laboratories accredited under SAMM meet the requirements of MS ISO/IEC 17025. This Malaysian Standard is identical with ISO/IEC 17025 published by the International Organization for Standardization (ISO).



(DATUK FADILAH BAHARIN)
Director General
Department of Standards Malaysia

Date of issue: 9 February 2018

Schedule

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



MS ISO/IEC 17025

NO: SMM 549

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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

Schedule

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



MS ISO/IEC 17025

NO: SAMM 549

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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

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