



SMSB

SENDI MAHIR SDN. BHD. (333138-T)

NO.6, 8 & 10, JALAN KAPAR 27/89, MEGA INDUSTRIAL PARK,
SEKSYEN 27, 40400 SHAH ALAM, SELANGOR DARUL EHSAN, MALAYSIA.

TEL: 03-5191 7388 (HUNTING LINE), 5191 7502, 5191 7592, 5192 9481 FAX: 03-5191 0675, 5191 9716

EMAIL: enquiry@sendimahir.com ; marketing@sendimahir.com Website: www.sendimahir.com



MS ISO/IEC 17025
CALIBRATION
SMM NO. 082

CERTIFICATE OF CALIBRATION

Certificate No. : SM15451382

Date of Issue : 17 Aug 2015

Issued By : Sendi Mahir Sdn Bhd

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Customer : SRICOO ENGINEERING SDN BHD
WISMA SRICOO, NO 162, JALAN INDUSTRI 2/4,
RAWANG INTEGRATED INDUSTRIAL PARK,
48000 RAWANG SELANGOR

Instrument : Digital AC Clamp Meter

Calibration Date : 17 Aug 2015

Manufacturer : Kyoritsu

Recalibration Date : 17 Aug 2016
Specified By Customer

Model/Type : 2017

Remark : The user should be aware that any numbers of factors may cause this instrument to drift out of calibration before the specified calibration interval has expired.

Serial No : E8019684

Capacity : Refer to Following Pages

Resolution : -

Calibration Environment Condition:

Condition Upon Receiving : Good in Physical Condition

Temperature : 23.1 to 23.3 °C

Relative Humidity : 51 to 53 %RH

Condition Upon Returning : Calibrated and Tested Serviceable.

Calibration Method : In-house procedure ICPE 1/2/4

Calibration Venue : This Instrument has been calibrated at Sendi Mahir Sdn Bhd

Calibration Result : The result as following page(s). The expanded uncertainties are based on an estimated confidence probability of approximately at 95% and have a coverage factor of k=2 unless stated otherwise.

Reference Standard(s) Used :

Reference Standard Name	Serial No	Calibration Due Date	Traceable To
MULTIFUNCTION CALIBRATOR	E040	15 Sep 2015	NML(MY)

Calibrated By:

Shah Zulkifli Nor

Approved Signatory:

L.H. Seah

This certificate is issued in accordance with the conditions of accreditation granted by the SAMM which has assessed the measurement capability of the laboratory and its traceability to recognized national standards and to the units of measurement realised at the corresponding national standards laboratory. The results of calibration performed by Sendi Mahir Sdn. Bhd. apply to the particular equipment at the time of its test. They do not indicate or imply that Sendi Mahir Sdn. Bhd. approves, recommends or endorses the manufacturers or suppliers or users of such equipment that Sendi Mahir Sdn. Bhd. in any way guarantees the equipment's performance after calibration. Test/calibrations marked "Not SAMM Accredited" in this report/certificate are not included in the SAMM Accreditation Schedule of our laboratory. Opinions and interpretations expressed herein are outside the scope of SAMM accreditation. Copyright of this certificate is owned by the issuing laboratory and may not be reproduced other than in full except with the prior written approval of the Head of the issuing laboratory.

Johor



SETIANAS SDN. BHD.
(Co. No. 370528-T)



Penang



PROCAL SERVICES SDN. BHD.
(Co. No. 465725-K)





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Function Test Point	Applied Value	Test Limits		Before Adjust	After Adjust	Uncertainty & Coverage Factor
		Max	Min			
AC Voltage at 50 Hz	200 V	101.2 V	98.8 V	99.7 V	No Adj.	1.61E-01 V , k= 2
	190.000 V	192.1 V	187.9 V	189.5 V	No Adj.	1.98E-01 V , k= 2
	600 V	406 V	394 V	398 V	No Adj.	1.67E+00 V , k= 2
	590.00 V	597.9 V	582.1 V	587 V	No Adj.	1.86E+00 V , k= 2
Resistance	Zero	-	-	0.0 Ω	No Adj.	-
	200 Ω	101.6 Ω	98.4 Ω	100.2 Ω	No Adj.	1.57E-01 Ω , k= 2
	190.000 Ω	192.7 Ω	187.3 Ω	190.3 Ω	No Adj.	2.39E-01 Ω , k= 2
Continuity Test						
Zero	0.0000 Ω	-	-	Beep	No Adj.	-
AC Current at 50 Hz	200 A	101.9 A	98.1 A	98.3 A	No Adj.	5.84E-01 A , k= 2
	200.000 A	203.4 A	196.6 A	198.2 A	No Adj.	1.04E+00 A , k= 2
	600 A	407 A	393 A	396 A	No Adj.	2.78E+00 A , k= 2
	600.00 A	609 A	591 A	595 A	No Adj.	3.60E+00 A , k= 2

Remarks : (*) Out of specification .