SMSB
SENDI MAHIR SDN. BHD. (333138-T)

NO.6, 8 & 10, JALAN KAPAR 27/89, MEGAH 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

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STANDARDS
MALAYSIA
ACCREDITED LABORATORY
MS ISO/IEC 17025
CALIBRATION
SAMM NO. 082

CERTIFICATE OF CALIBRATION

Certificate No.	:	SM15451382	**Date of Issue**	: 17 Aug 2015
Issued By	:	Sendi Mahir Sdn Bhd		Page 1 of 2 Pages

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

Instrument	:	Digital AC Clamp Meter
Manufacturer	:	Kyoritsu
Model/Type	:	2017
Serial No	:	E8019684
Capacity	:	Refer to Following Pages
Resolution	:	-
Condition Upon Receiving	:	Good in Physical Condition
Condition Upon Returning	:	Calibrated and Tested Serviceable.

Calibration Date : 17 Aug 2015

Recalibration Date Specified By Customer : 17 Aug 2016

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.

Calibration Environment Condition:

Temperature	: 23.1 to 23.3	°C
Relative Humidity	: 51 to 53	%RH

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

Johor
SETIANAS SDN. BHD.
(Co. No. 370528-T)
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Penang
PRO CAL   **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	100.000 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	400.00 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	0.0000 Ω	-	-	0.0 Ω	No Adj.	-		
200 Ω	100.000 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	100.000 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	400.00 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 .

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