



**DISTRIBUTION EQUIPMENT DEPARTMENT
METER DIVISION METER TESTING SECTION
TEST REPORT**

No. MT lab 25/2558

Equipment : SINGLE-PHASE 2- WIRE ELECTRONIC METER
Model/Type/Sr.No. : mitsubishi SX1-A30E (STANDARD) ID Code T331-5000233-QM
Rated : 220-230V 5(45)A 50Hz 6000imp/kWh Class 1.0
Manufacturer : MITSUBISHI ELECTRIC AUTOMATION (THAILAND) CO.,LTD.
Customer : MITSUBISHI ELECTRIC AUTOMATION (THAILAND) CO.,LTD.

Reference Standard Equipment

- ZERA GmbH Model: MT 3000 Serial No. 10206301 Accuracy class: 0.02%

Traceability

Periodic checks of MEA's reference standard are done with the ZERA GmbH (Germany) Lab's energy standard

The ZERA GmbH Lab's energy standard is subject to periodic traceability checks to the Physikalisch-Technische Bundesanstalt (PTB), Germany

Ambient Temp. : 25 ± 3 °C
Relative Humid. : 55 ± 10 %

Test Report issued : September 10, 2015
Due Date : September, 2020

Approved By : Mr. Uthai

(Mr. Uthai Watanathaworn) Asst. Chief of meter testing section

This is a Test Report and not a QUALITY CERTIFICATE.
This Report must NOT be used for ADVERTISEMENT.



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ENERGY MEASUREMENT RATED VOLTAGE 1P 2W

Current (A)	P.	Active Energy Error (%)				
		PF.	1 st	2 nd	3 rd	Avg.
		[Meter Constant = 6000imp/kWh]				
45	+	1.0	0.23	0.25	0.28	0.25
45	+	0.5L	0.31	0.32	0.33	0.32
45	+	0.8c	0.30	0.26	0.29	0.28
5	+	1.0	0.28	0.27	0.27	0.27
5	+	0.5L	0.25	0.37	0.34	0.32
5	+	0.8c	0.29	0.28	0.27	0.28
1	+	1.0	0.27	0.29	0.30	0.29
1	+	0.5L	0.36	0.37	0.34	0.36
1	+	0.8c	0.26	0.25	0.25	0.25
0.5	+	1.0	0.22	0.20	0.23	0.22
0.5	+	0.5L	0.31	0.33	0.31	0.32
0.5	+	0.8c	0.22	0.22	0.20	0.21
0.25	+	1.0	0.20	0.24	0.22	0.22

[] Register Test

[] No Load Test

Test Result: "SATISFACTORY"

Tested By : *Porntep Srimee*

[Mr. Porntep Srimee] Electrical Technician

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