



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

TEST REPORT

No. MT lab 18 /2557

Equipment : SINGLE-PHASE 2-WIRE MULTIFUNCTION SINGLE-PHASE METER
Model/Type/MEA .No. : MITSUBISHI MX2 - A01E : NO. 1760185
Rated : 220-240V. 1P. 2W. TA 10(100)A. 50Hz. 15,000 imp/kWh , Kvarh
Manufacturer : MITSUBISHI ELECTRIC AUTOMATION (THAILAND) CO., LTD.
Customer : บริษัท มิตรชุบิชิ อีเล็คทริค ออโตเมชั่น (ประเทศไทย) จำกัด

Portable Meter test System

- ZERA GmbH (Germany) Model: MT 3000 Serial No.50009188

Traceability

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

Test date : December 9, 2014
Ambient Temp. : 25 ± 3 °C
Relative Humid. : 55 ± 10 %

Approved By : R. Wuthipong
(Mr. Wuthipong Rakphuean) Chief of meter testing section



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Procedure used :

- This equipment was tested by comparison with Energy Meter Standard (MT 3000)

Condition of test report :

- This result of testing was found accurate as show on date and place of testing only.

ENERGY MEASUREMENT RATED VOLTAGE 1P. 2W.

Current (A.)	Ph.	P.	Active Energy (Export) Error (%)					Reactive Energy (Export) Error (%)				
			[Meter Constant = 15,000 Imp/kWh]					[Meter Constant = 15,000 Imp/kVarh]				
			PF.	1 st	2 nd	3 rd	Avg.	PF.	1 st	2 nd	3 rd	Avg.
100.00	A --	+	1	0.40	0.39	0.36	0.38	1	0.50	0.51	0.51	0.51
100.00	A --	+	0.5	0.56	0.52	0.56	0.55	0.5	0.36	0.37	0.55	0.43
100.00	A --	+	0.8	0.40	0.50	0.40	0.43	0.8	0.52	0.46	0.43	0.47
10.00	A --	+	1	0.38	0.89	0.39	0.55	1	0.46	0.44	0.50	0.47
10.00	A --	+	0.5	0.57	0.58	0.57	0.57	0.5	0.26	0.24	0.22	0.24
10.00	A --	+	0.8	0.47	0.48	0.45	0.46	0.8	0.38	0.39	0.39	0.39
1.00	A --	+	1	0.39	0.36	0.43	0.39	1	0.55	0.51	0.48	0.51
1.00	A --	+	0.5	0.72	0.68	0.72	0.71	0.5	0.13	0.23	0.19	0.18
0.50	A --	+	0.8	0.50	0.55	0.52	0.52	0.8	0.22	0.24	0.26	0.24

[] Register Test

[] No Load Test

Test Result: "SATISFACTORY"

Tested By : C. Chanatta

[Ms. Chanatta Chaipakdee]

Electrical Engineer