



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

TEST REPORT

No. MT lab 17 /2557

Equipment : THREE-PHASE 4- WIRE MULTIFUNCTION POLY-PHASE METER
Model/Type/MEA .No. : MITSUBISHI MX2 – C01E : NO. 2720996
Rated : 220/380V-240/415V. 3P. 4W. TA 10(100)A. 50Hz. 5,000 Imp/kWh , Kvarh
Manufacturer : MITSUBISHI ELECTRIC AUTOMATION (THAILAND) CO., LTD.
Customer : บริษัท มิตรูปิชิ อิเล็กทรอนิกส์ ออโตเมชัน (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

(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 3P. 4W.

Current (A.)	Ph.	P.	Active Energy (Export) Error (%)					Reactive Energy (Export) Error (%)				
			[Meter Constant = 5,000 Imp/kWh]					[Meter Constant = 5,000 Imp/kVarh]				
			PF.	1 st	2 nd	3 rd	Avg.	PF.	1 st	2 nd	3 rd	Avg.
100.00	A B C	+	1.0	0.13	0.27	0.13	0.18	1.0	0.33	0.34	0.33	0.33
100.00	A B C	+	0.5 _L	-0.13	0.00	-0.27	-0.13	0.5 _L	0.55	0.62	0.63	0.60
100.00	A B C	+	0.8 _L	-0.13	0.00	-0.13	-0.09	0.8 _L	0.45	0.46	0.45	0.45
10.00	A B C	+	1.0	0.16	0.18	0.18	0.17	1.0	0.35	0.28	0.33	0.32
10.00	A B C	+	0.5 _L	0.25	0.26	0.25	0.25	0.5 _L	0.10	0.09	0.10	0.10
10.00	A B C	+	0.8 _L	0.34	0.34	0.34	0.34	0.8 _L	0.20	0.21	0.25	0.22
1.00	A B C	+	1.0	0.06	0.05	0.05	0.05	1.0	0.17	0.18	0.19	0.18
1.00	A B C	+	1.0	0.98	0.99	1.00	0.99	1.0	-0.72	-0.88	-0.90	-0.83
0.50	A B C	+	1.0	0.47	0.47	0.49	0.48	0.50	-0.46	-0.48	-0.50	-0.48

[✓] Register Test

[✓] No Load Test

Test Result: "SATISFACTORY"

Tested By : C. Chanatta

[Ms. Chanatta Chaipakdee]

Electrical Engineer