



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

TEST REPORT

No. MT lab 20/2557

Equipment : THREE-PHASE 4-WIRE WATTHOUR METER
Model/Type/.No. : MITSUBISHI MH - 96H : NO. 0000001
Rated : 220/380V 3P 4W TA 5(6)A. 50Hz. 480 rev/kWh
Manufacturer : MITSUBISHI ELECTRIC AUTOMATION (THAILAND) CO., LTD.
Customer : บริษัท มิทซูบิชิ อิเล็กทริก 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 : 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 3P. 4W.

Current (A.)	Ph.	P.	Active Energy (Export) Error (%) [Meter Constant = 480 rev/kWh]					Reactive Energy (Export) Error (%) [Meter Constant =/ kVarh.]				
			PF.	1 st	2 nd	3 rd	Avg.	PF.	1 st	2 nd	3 rd	Avg.
6.00	ABC	+	1.0	-0.27	-0.31	-0.28	-0.29	-	-	-	-	-
6.00	ABC	+	0.5 _L	-0.35	-0.33	-0.36	-0.35	-	-	-	-	-
5.00	ABC	+	1.0	0.32	0.28	0.29	0.30	-	-	-	-	-
5.00	ABC	+	0.5 _L	0.39	0.41	0.42	0.41	-	-	-	-	-
2.50	ABC	+	1.0	0.94	0.92	0.90	0.92	-	-	-	-	-
2.50	ABC	+	0.5 _L	1.01	1.04	0.94	1.00	-	-	-	-	-
1.00	ABC	+	1.0	0.50	0.65	0.67	0.61	-	-	-	-	-
1.00	ABC	+	0.5 _L	1.03	1.04	1.03	1.03	-	-	-	-	-
0.50	ABC	+	1.0	0.52	0.53	0.54	0.53	-	-	-	-	-
0.50	ABC	+	0.5 _L	0.58	0.56	0.57	0.57	-	-	-	-	-
0.25	ABC	+	1.0	0.08	0.14	0.13	0.12	-	-	-	-	-

[] Register Test

[] No Load Test

Test Result: "SATISFACTORY"

Tested By : C.Chanatta

[Ms. Chanatta Chaipakdee]

Electrical Engineer