



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

TEST REPORT

No. MT lab 15/2557

Equipment : THREE-PHASE 4-WIRE WATTHOUR METER
Model/Type/.No. : MITSUBISHI MH - 96 : NO. 0000002
Rated : 220/380V. 3P. 4W. TA 15(45)A. 50Hz. 80 rev/kWh
Manufacturer : MITSUBISHI ELECTRIC AUTOMATION (THAILAND) CO., LTD.
Customer : บริษัท มิตรชุบิชิ อีเล็คทริก 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 : P. Wuthipong
(Mr. Wuthipong Rakphuean) Chief of meter testing section



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

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 = 80 rev/kWh]					[Meter Constant =/ kVarh.]				
			PF.	1 st	2 nd	3 rd	Avg.	PF.	1 st	2 nd	3 rd	Avg.
45.00	A B C	+	1.0	-0.69	-0.73	-0.70	-0.71	-	-	-	-	-
45.00	A B C	+	0.5 _L	-0.96	-0.94	-0.97	-0.96	-	-	-	-	-
30.00	A B C	+	1.0	-0.36	-0.39	-0.86	-0.54	-	-	-	-	-
30.00	A B C	+	0.5 _L	-0.62	-0.60	-0.64	-0.62	-	-	-	-	-
15.00	A B C	+	1.0	-0.65	-0.10	-0.12	-0.29	-	-	-	-	-
15.00	A B C	+	0.5 _L	-0.19	-0.17	-0.20	-0.19	-	-	-	-	-
7.50	A B C	+	1.0	-0.13	-0.18	-0.17	-0.16	-	-	-	-	-
7.50	A B C	+	0.5 _L	0.05	0.03	0.01	0.03	-	-	-	-	-
3.00	A B C	+	1.0	0.14	0.14	0.18	0.15	-	-	-	-	-
3.00	A B C	+	0.5 _L	0.61	0.59	0.58	0.59	-	-	-	-	-
1.50	A B C	+	1.0	0.56	0.57	0.57	0.57	-	-	-	-	-
1.50	A B C	+	0.5 _L	1.27	1.21	1.31	1.26	-	-	-	-	-
0.75	A B C	+	1.0	1.23	1.17	1.26	1.22	-	-	-	-	-

[] Register Test

[] No Load Test

Test Result: "SATISFACTORY"

Tested By : C.Chanatta

[Ms. Chanatta Chaipakdee]

Electrical Engineer