



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

TEST REPORT

No. MT lab 16/2557

Equipment : THREE-PHASE 4-WIRE WATTHOUR METER
Model/Type/.No. : MITSUBISHI MH - 96 : NO. 0000003
Rated : 220/380V. 3P. 4W. TA 30(100)A. 50Hz. 40 rev/kWh
Manufacturer : MITSUBISHI ELECTRIC AUTOMATION (THAILAND) CO., LTD.
Customer : บริษัท มิทซูบิชิ อีเล็กทริก 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 3P. 4W.

Current (A.)	Ph.	P.	Active Energy (Export) Error (%)					Reactive Energy (Export) Error (%)				
			[Meter Constant = 40 rev/kWh]					[Meter Constant =/ kVarh.]				
			PF.	1 st	2 nd	3 rd	Avg.	PF.	1 st	2 nd	3 rd	Avg.
100.00	A B C	+	1.0	-0.34	-0.32	-0.32	-0.33	-	-	-	-	-
100.00	A B C	+	0.5 _L	-0.03	-0.02	-0.02	-0.02	-	-	-	-	-
60.00	A B C	+	1.0	-0.15	-0.16	-0.15	-0.15	-	-	-	-	-
60.00	A B C	+	0.5 _L	-0.18	0.16	0.19	0.06	-	-	-	-	-
30.00	A B C	+	1.0	-0.05	-0.03	-0.04	-0.04	-	-	-	-	-
30.00	A B C	+	0.5 _L	0.23	0.19	0.21	0.21	-	-	-	-	-
15.00	A B C	+	1.0	-0.26	-0.29	-0.27	-0.27	-	-	-	-	-
15.00	A B C	+	0.5 _L	0.07	0.06	0.06	0.06	-	-	-	-	-
6.00	A B C	+	1.0	-0.23	-0.30	-0.29	-0.27	-	-	-	-	-
6.00	A B C	+	0.5 _L	0.08	0.04	0.00	0.04	-	-	-	-	-
3.00	A B C	+	1.0	-0.29	-0.26	-0.26	-0.27	-	-	-	-	-
3.00	A B C	+	0.5 _L	-0.19	-0.18	-0.20	-0.19	-	-	-	-	-
1.50	A B C	+	1.0	0.50	-0.49	-0.50	-0.16	-	-	-	-	-

[] Register Test

[] No Load Test

Test Result: "SATISFACTORY"

Tested By : C.Chanatta

[Ms. Chanatta Chaipakdee]

Electrical Engineer