



DISTRIBUTION EQUIPMENT DEPARTMENT
METER DIVISION METER TESTING SECTION

TEST REPORT

No. MT lab 11/2557

Equipment : 1 Phase 2 Wire ELECTRONIC Meter
Model/Type/MEA .No. : mitsubishi : SX2 – A35E (C-Loop) ID Code T421 – 4000100-XB
Rated : 220 – 230V SINGLE PHASE 2-WIRE 5(100)A. 50Hz. 3000 imp/kWh
Manufacturer : MITSUBISHI ELECTRIC AUTOMATION (THAI LAND) CO., LTD.
Customer : MITSUBISHI ELECTRIC AUTOMATION (THAI LAND) CO., LTD.

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 : September 8, 2014

Ambient Temp. : 25 ± 3 °C

Relative Humid. : 55 ± 10 %

Approved By :

D. 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.

LOAD (Amp)	PF.	Ph.	Active Energy Error (%) [Meter Constant 3000 impulse/ kWh.]					Reactive Energy Error (%)				
			P.	1 st	2 nd	3 rd	Avg.	Q.	1 st	2 nd	3 rd	Avg.
100.00	1.0	1	+	-0.04	-0.04	-0.04	-0.040	+	-	-	-	-
100.00	0.5 _L		+	-0.16	-0.14	-0.16	-0.153	+	-	-	-	-
50.00	1.0		+	-0.06	-0.04	-0.04	-0.047	+	-	-	-	-
50.00	0.5 _L		+	-0.18	-0.16	-0.16	-0.167	+	-	-	-	-
5.00	1.0		+	0.04	0.04	0.03	0.037	+	-	-	-	-
5.00	0.5 _L		+	0.35	0.35	0.34	0.347	+	-	-	-	-
0.50	1.0		+	0.12	0.12	0.13	0.123	+	-	-	-	-
0.50	0.5 _L		+	0.62	0.64	0.56	0.607	+	-	-	-	-
0.25	1.0		+	0.17	0.25	0.21	0.210	+	-	-	-	-

[✓] Register Test

[✓] No Load Test

Test Result:

"SATISFACTORY"

Tested By

: K. Kittiya

[Ms. Kittiya Kongtub] Electrical Engineer