Republic of the Philippines
DEPARTMENT OF SCIENCE AND TECHNOLOGY
Regional Office No. 13-CARAGA
Regional Standards and Testing Laboratory

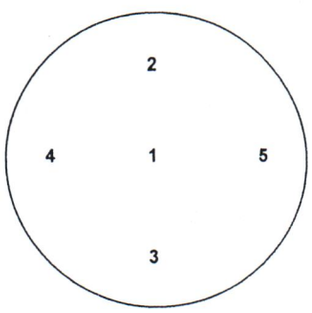
TEST REPORT
07-2017-BAL-212Met

Sample No. : Met-447
Type of Job : ON-SITE CALIBRATION
Date Calibrated : July 17, 2017
Sample : Table Balance
Manufacturer : China
Serial No. : 0014
Model : JPT-10
Graduation : 1 g
Capacity : 1000 g
Classification of Balance : Class IIII (Ordinary Accuracy Class)
Company : **SURIGAO STATE COLLEGE OF TECHNOLOGY**
Address : Narciso Street, Surigao City
Page : 1 of 3

This instrument was calibrated using reference standard traceable to SI Units as maintained by the National Metrology Institute- ITDI, Philippines. The following results were obtained:

I. Shift Test at 500 g

Position	Difference (g)	Maximum Permissible Error (MPE)
(1-2)	0.0	± 3.0 g
(1-3)	0.0	± 3.0 g
(1-4)	0.0	± 3.0 g
(1-5)	0.0	± 3.0 g



Postal Address: CSU Campus, Ampayon
Butuan City
8600

Tel. No.: (085) 342-5443 / 341-9551 Fax No.: (085) 342-5684
URL: http://caraga.dost.gov.ph
Email: rstlcaraga@dost.gov.ph

II. Repeatability Test at Half and Full Load

Load (g)	Difference (g)	Maximum Permissible Error (MPE)
500	0.0	± 3.0 g
1000	0.0	± 3.0 g

III. Departure from Nominal Value (Increasing & Decreasing Load)

Load (g)	Increasing Load Reading (g)	Error (g)	Decreasing Load Reading (g)	Error (g)	Maximum Permissible Error (MPE)	Uncertainty of Measurement (±g)
10	10.0	0.0	10.0	0.0	± 1.0 g	0.38
20	20.0	0.0	20.0	0.0	± 1.0 g	0.38
50	50.0	0.0	50.0	0.0	± 1.0 g	0.38
100	100.0	0.0	100.0	0.0	± 2.0 g	0.38
200	200.0	0.0	200.0	0.0	± 2.0 g	0.38
500	500.0	0.0	500.0	0.0	± 3.0 g	0.38
750	751.0	1.0	751.0	1.0	± 3.0 g	0.38
1000	1001.0	1.0	1001.0	1.0	± 3.0 g	0.38

Environmental Conditions : Relative Humidity : 54.0%
Ambient Temperature : 25.5°C

Counter Weights	Number of Holes	Number of Leaded Holes
10 g	-	-
20 g (1)	-	-
20 g (2)	-	-
50 g	-	-
100 g	-	-
200 g (1)	-	-
200 g (2)	-	-
500 g	-	-

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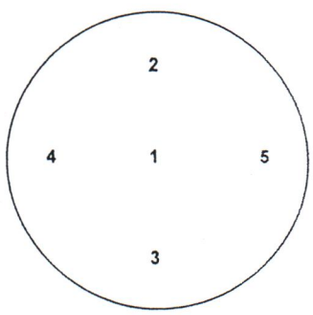
TEST REPORT
07-2017-BAL-212Met

Sample No.	:	Met-448
Type of Job	:	ON-SITE CALIBRATION
Date Calibrated	:	July 17, 2017
Sample	:	Table Balance
Manufacturer	:	China
Serial No.	:	0013
Model	:	JPT-10
Graduation	:	1 g
Capacity	:	1000 g
Classification of Balance	:	Class IIII (Ordinary Accuracy Class)
Company	:	**SURIGAO STATE COLLEGE OF TECHNOLOGY**
Address	:	Narciso Street, Surigao City
Page	:	1 of 3

This instrument was calibrated using reference standard traceable to SI Units as maintained by the National Metrology Institute- ITDI, Philippines. The following results were obtained:

I. Shift Test at 500 g

Position	Difference (g)	Maximum Permissible Error (MPE)
(1-2)	0.0	± 3.0 g
(1-3)	0.0	± 3.0 g
(1-4)	0.0	± 3.0 g
(1-5)	0.0	± 3.0 g



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II. Repeatability Test at Half and Full Load

Load (g)	Difference (g)	Maximum Permissible Error (MPE)
500	0.0	± 3.0 g
1000	0.0	± 3.0 g

III. Departure from Nominal Value (Increasing & Decreasing Load)

Load (g)	Increasing Load Reading (g)	Error (g)	Decreasing Load Reading (g)	Error (g)	Maximum Permissible Error (MPE)	Uncertainty of Measurement (±g)
10	10.0	0.0	10.0	0.0	± 1.0 g	0.38
20	20.0	0.0	20.0	0.0	± 1.0 g	0.38
50	50.0	0.0	50.0	0.0	± 1.0 g	0.38
100	100.0	0.0	100.0	0.0	± 2.0 g	0.38
200	200.0	0.0	200.0	0.0	± 2.0 g	0.38
500	500.0	0.0	500.0	0.0	± 3.0 g	0.38
750	750.0	0.0	750.0	0.0	± 3.0 g	0.38
1000	1000.0	0.0	1000.0	0.0	± 3.0 g	0.38

Environmental Conditions : Relative Humidity : 50.0%
Ambient Temperature : 25.3°C

Counter Weights	Number of Holes	Number of Leaded Holes
10 g	-	-
20 g (1)	-	-
20 g (2)	-	-
50 g	-	-
100 g	-	-
200 g (1)	-	-
200 g (2)	-	-
500 g	-	-

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IV. Remarks:

1. The uncertainty of measurement is estimated at 95% level of confidence with a coverage factor k=2.
2. The above values are those obtained at the time of test and refer only to the particular instrument calibrated.
3. The end-user shall determine the suitability of this instrument for its intended use.
4. This report shall not be reproduced in any form, except in full, without written approval of the laboratory.

Calibrated by:

ENGR. MANOLITO R. TAPANGAN
Laboratory Analyst

Reviewed by:

GIDEON M. TANGHAL
Laboratory Analyst

Certified Correct and
Approved for Release by:

JENNIFER J. DEJARME
Chief Laboratory Analyst

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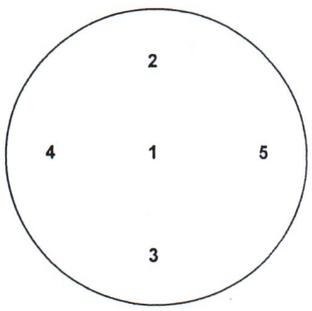
TEST REPORT
07-2017-BAL-212Met

Sample No.	: Met-449
Type of Job	: ON-SITE CALIBRATION
Date Calibrated	: July 17, 2017
Sample	: Table Balance
Manufacturer	: China
Serial No.	: 0012
Model	: JPT-10
Graduation	: 1 g
Capacity	: 1000 g
Classification of Balance	: Class IIII (Ordinary Accuracy Class)
Company	: **SURIGAO STATE COLLEGE OF TECHNOLOGY**
Address	: Narciso Street, Surigao City
Page	: 1 of 3

This instrument was calibrated using reference standard traceable to SI Units as maintained by the National Metrology Institute- ITDI, Philippines. The following results were obtained:

I. Shift Test at 500 g

Position	Difference (g)	Maximum Permissible Error (MPE)
(1-2)	0.0	± 3.0 g
(1-3)	0.0	± 3.0 g
(1-4)	0.0	± 3.0 g
(1-5)	0.0	± 3.0 g



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II. Repeatability Test at Half and Full Load

Load (g)	Difference (g)	Maximum Permissible Error (MPE)
500	0.0	± 3.0 g
1000	0.0	± 3.0 g

III. Departure from Nominal Value (Increasing & Decreasing Load)

Load (g)	Increasing Load Reading (g)	Error (g)	Decreasing Load Reading (g)	Error (g)	Maximum Permissible Error (MPE)	Uncertainty of Measurement (±g)
10	10.0	0.0	10.0	0.0	± 1.0 g	0.38
20	20.0	0.0	20.0	0.0	± 1.0 g	0.38
50	50.0	0.0	50.0	0.0	± 1.0 g	0.38
100	100.0	0.0	100.0	0.0	± 2.0 g	0.38
200	200.0	0.0	200.0	0.0	± 2.0 g	0.38
500	500.0	0.0	500.0	0.0	± 3.0 g	0.38
750	750.0	0.0	750.0	0.0	± 3.0 g	0.38
1000	1000.0	0.0	1000.0	0.0	± 3.0 g	0.38

Environmental Conditions : Relative Humidity : 49.0%
Ambient Temperature : 25.6°C

Counter Weights	Number of Holes	Number of Leaded Holes
10 g	-	-
20 g (1)	-	-
20 g (2)	-	-
50 g	-	-
100 g	-	-
200 g (1)	-	-
200 g (2)	-	-
500 g	-	-

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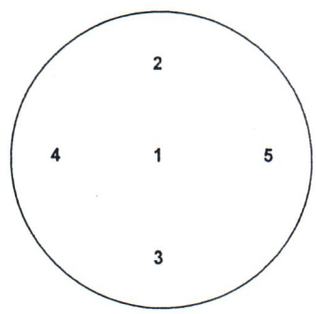
TEST REPORT
07-2017-BAL-212Met

Sample No. : Met-450
Type of Job : ON-SITE CALIBRATION
Date Calibrated : July 17, 2017
Sample : Table Balance
Manufacturer : China
Serial No. : 0016
Model : JPT-10
Graduation : 1 g
Capacity : 1000 g
Classification of Balance : Class IIII (Ordinary Accuracy Class)
Company : **SURIGAO STATE COLLEGE OF TECHNOLOGY**
Address : Narciso Street, Surigao City
Page : 1 of 3

This instrument was calibrated using reference standard traceable to SI Units as maintained by the National Metrology Institute- ITDI, Philippines. The following results were obtained:

I. Shift Test at 500 g

Position	Difference (g)	Maximum Permissible Error (MPE)
(1-2)	0.0	± 3.0 g
(1-3)	0.0	± 3.0 g
(1-4)	0.0	± 3.0 g
(1-5)	0.0	± 3.0 g



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