

Mettler Toledo
Service Business Unit Industrial
1900 Polaris Parkway
Columbus, OH 43240
1-800-523-5123

SAMPLE

Comprehensive Test Report

Customer

Company: Firestone Polymers LLC
Address: 5713 FM 1006
City: Orange **Contact:** N/A
Zip / Postal: 77630-8041 **Order Number:** N/A
State / Province: Texas

Weighing Device

Manufacturer: Mettler Toledo **Instrument Type:** Weighing Instrument
Model: 0970 TANK **Asset Number:** DF475
Serial No.: MT53737 **Terminal Model:** N/A
Location: N/A **Terminal Serial No.:** N/A
Terminal Asset No.: N/A
Alternate Asset No.: N/A

Range	Max. Capacity	Readability (d)
1	5000 lb	0.5 lb

Procedure

Guideline: EURAMET cg-18 v. 4.0
METTLER TOLEDO Work Instruction: 30260953I

This report contains measurements for As Found testing. No As Left testing was performed because the device was not modified after As Found testing. Therefore, results for As Left correspond to As Found.

In accordance with EURAMET cg-18, the test loads were selected to reflect the specific use of the weighing device or to accommodate specific test conditions.

Substitution loads were used to perform the Error of Indication test.

As Found Testing Date: 07-May-2018 **Service Technician:** Bradley Seamann
As Left Testing Date: N/A
Next Testing Date: 30-Jun-2018

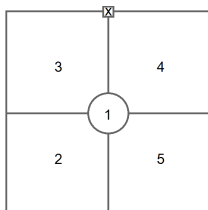
Measurement Results

Eccentricity and Repeatability

Eccentricity Test Load: 250 lb

Position	As Found	As Left
1	250.0 lb	N/A
2	250.0 lb	N/A
3	250.0 lb	N/A
4	250.0 lb	N/A
5	250.0 lb	N/A

Maximum Deviation	0.0 lb	N/A
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Repeatability Test Load: 500 lb

	As Found	As Left
1	500.0 lb	N/A
2	500.0 lb	N/A
3	500.0 lb	N/A

Standard Deviation	0.00 lb	N/A
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Error of Indication

As Found

	Substitution Load	Standard Load	Test Load	Indication	Error of Indication
1	N/A	0 lb	0.0 lb	0.0 lb	0.0 lb
2	N/A	250.0 lb	250.0 lb	250.0 lb	0.0 lb
3	N/A	500.0 lb	500.0 lb	500.0 lb	0.0 lb
4	N/A	750.0 lb	750.0 lb	750.0 lb	0.0 lb
5	N/A	1000.0 lb	1000.0 lb	1000.0 lb	0.0 lb

Test Equipment

All weights used for metrological testing are traceable to national or international standards. The weights were calibrated and certified by an accredited calibration laboratory.

Weight Set 1: NIST NIST-F

Weight Set No.: BMT-50 31-40 Date of Issue: 21-Mar-2018
 Certificate Number: G-000006456 Calibration Due Date: 31-Mar-2019

Remarks

SCALE WAS WEIGHING ACCURATELY.

Handbook 44 Tolerance Assessment (Maintenance)

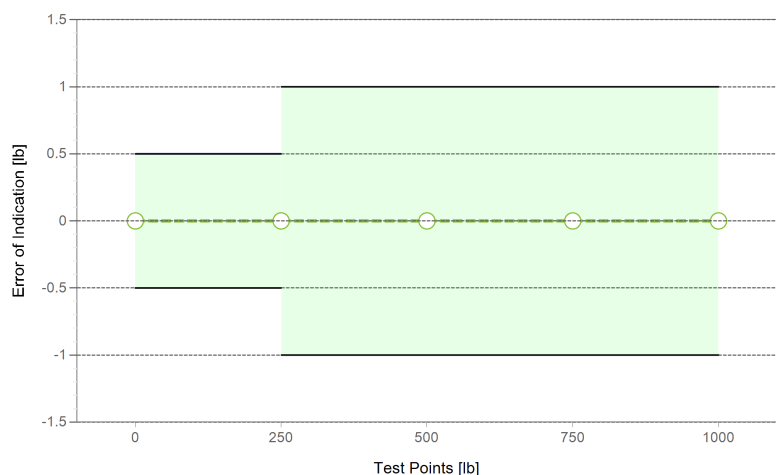
The measurements from the attached calibration certificate were assessed against the Tolerances defined by NIST Handbook 44. The range of the measurements for both Eccentricity and Repeatability (if performed) tests is assessed against Maintenance Tolerances.

Overall
As Found
✓
As Left
N/A

 ✓ Passed
 ✗ Failed

Weighing Device

Range	Max. Capacity	Readability (d)	Verification Scale Interval (e)	Class
1	5000 lb	0.5 lb	0.5 lb	III



Tolerances according to NIST Handbook 44

Test Load		Tolerance
From	To	
0.0 lb	250.0 lb	0.5 lb
250.5 lb	1000.0 lb	1 lb

- As Found
- ◆ As Left
- Tolerance

Eccentricity and Repeatability

Test	Test Load	Tolerance	As Found		As Left	
			Max. Error / Range	Result	Max. Error / Range	Result
Eccentricity (Max. Error)	250 lb	0.5 lb	0 lb	✓	N/A	N/A
Eccentricity (Range)	250 lb	0.5 lb	0.0 lb	✓	N/A	N/A
Repeatability (Max. Error)	500 lb	1 lb	0.0 lb	✓	N/A	N/A
Repeatability (Range)	500 lb	1 lb	0.0 lb	✓	N/A	N/A

Max. Error: Maximum of the absolute values of the individual errors.

Range: Difference between largest and smallest measurement value.

Error of Indication

	Total Load	Tolerance	As Found	
			Error of Indication	Result
1	0.0 lb	0.5 lb	0.0 lb	✓
2	250.0 lb	0.5 lb	0.0 lb	✓
3	500.0 lb	1.0 lb	0.0 lb	✓
4	750.0 lb	1.0 lb	0.0 lb	✓
5	1000.0 lb	1.0 lb	0.0 lb	✓