



February 25, 2025

Mr. Rob Horensky
PA Public Utility Commission
Bureau of Transportation and Safety
P.O. Box 3265
Harrisburg, PA 17105-3265

**Re: Test Results for Year 2024 Gas Meter Statistical Sampling Program
Docket # M-2024-3047438**

Dear Mr. Horensky:

Enclosed please find the test results for PECO's 2024 gas meter statistical sampling program for Diaphragm meters. All of the selected groups meter populations tested were found to have greater than 80% of the meters yielding test results that are within the allowable +/- 2% PUC criteria.

If you have any questions regarding this information, please call me at (856) 723-9585.

Sincerely,

A handwritten signature in black ink, appearing to read "Harry Sheneman". The signature is fluid and cursive, with a long horizontal stroke at the end.

Harry Sheneman
Manager, Meter Services

PUC REPORT – METERS BY GROUP AND STATUS - Gas Meters

Docket # M-2024-3047438

December 31, 2024

Meter Group	Group Population	Tested Amount	Required Amount	# of tests over 102%	# of tests below 98%	% of tests over 102%	% of tests below 98%
-------------	------------------	---------------	-----------------	----------------------	----------------------	----------------------	----------------------

STATUS: pass

0015-A	179,911	624	200	18	34	2.9%	5.4%
0016-A	104,688	292	150	19	3	6.5%	1.0%
0017-R	8,009	78	75	2	6	2.6%	7.7%
0018-R	126,846	554	150	11	13	2.0%	2.3%
0019-R	20,494	123	100	1	3	0.8%	2.4%
0020-A	46,555	210	150	9	4	4.3%	1.9%
0020-S	24,479	117	100	2	4	1.7%	3.4%
0027-A	5,461	87	75	12	2	13.8%	2.3%
0028-S	6,498	79	75	2	0	2.5%	0.0%
0033-S	30,144	145	100	3	8	2.1%	5.5%

TOTAL: **553,085** **2,309** **1,175** **79** **77** **3.4%** **3.3%**

All Groups Total **553,085** **2,309** **1,175** **79** **77** **3.4%** **3.3%**



February 25, 2025

Mr. Rob Horensky,
PA Public Utility Commission
Bureau of Transportation and Safety
P.O. Box 3265
Harrisburg, PA 17105-3265

Re: Certification Records
Docket # M-2024-3047438

Dear Mr. Horensky:

Enclosed are PECO Energy's calibration and certification records (attachments A through D) for our gas meter test equipment for the year 2024.

If you have any questions regarding this information, please call me at 1 - (856) 723-9585.

Sincerely,

A handwritten signature in black ink, appearing to read "H. Sheneman", with a long horizontal flourish extending to the right.

Harry Sheneman
Manager, Customer Operations

Primary Standards Identification Form: Gas Prover

Contact Person: Harry Sheneman Phone: 856-723-9585

Company Name: PECO Energy

Location: 1060 W. Swedesford Road, Berwyn, PA 19312

Equipment: Sonic Nozzle Prover

Manufacturer: Measurement Systems

Model No: N/A

Serial No: 93013-1

Accuracy Required: ± 0.5% FS

Date of Current Calibration: April 10, 2022

Performed by: Measurement Systems Inc

Date of Next Calibration: April 2027

Date Lab Scheduled to Perform Calibration: April 2027

Copy of Original Manufacturers Calibration Certificate: Yes

List of Equipment to be calibrated by this Item and Accuracies Desired:

SEE ATTACHMENT A

ATTACHMENT A

Certificate of Accuracy

by
Measurement Systems, Inc

This is to certify that the following **Sonic Nozzle Proving Standards** have been calibrated to within 0.1% using a certified volumetric standard **Bel Prover**, serial number 3070, which was stripped using P-type serial number 1045742 with traceability to the National Institute of Standards and Technology.

The t_s is the time, in seconds, required for the passage of one cubic foot of dry air at unstream conditions of 14.695 psia and 77° F and 0% Relative Humidity.

Sonic Nozzle Serial Number	t_s
93013-1-30	144.09823
93013-1-60	76.54821
93013-1-120	37.28690
93013-1-240	18.85930

Measurement Systems, Inc.

637 Stony Hill Rd • New Hope • Pennsylvania • 18938
(215) 852-3050 • Fax (215) 852-5430

By

Harold Deutch

Date

4/10/2022

Primary Standards Identification Form: Gas Prover

Contact Person: Harry Sheneman Phone: 856-723-9585

Company Name: PECO Energy

Location: 1060 W. Swedesford Road, Berwyn, PA 19312

Equipment: Sonic Nozzle Prover

Manufacturer: Measurement Systems

Model No: N/A

Serial No: 93013-2

Accuracy Required: ± 0.5% FS

Date of Current Calibration: April 10, 2022

Performed by: Measurement Systems Inc

Date of Next Calibration: April 2027

Date Lab Scheduled to Perform Calibration: April 2027

Copy of Original Manufacturers Calibration Certificate: Yes

List of Equipment to be calibrated by this Item and Accuracies Desired:

SEE ATTACHMENT B

ATTACHMENT B

Certificate of Accuracy

by
Measurement Systems, Inc

This is to certify that the following Sonic Nozzle Proving Standards have been calibrated to within 0.1% using a certified volumetric standard Bell Prover, serial number 7070, which was strapped using Ptape serial number 11069743 with traceability to the National Institute of Standards and Technology.

This is the time, in seconds required for the passage of one cubic foot of dry air at upstream conditions of 14.696 psia and 77° F and 0% Relative Humidity.

Sonic Nozzle Serial Number	t _s
93013-2-30	145.87576
93013-2-60	77.65454
93013-2-120	37.43477
93013-2-240	18.82619
93013-2-480	9.38438

Measurement Systems, Inc.

6217 Soney Hill Rd • New Hope • Pennsylvania • 18938
(215) 862-8390 • Fax (215) 852-3449

By

Harriet Deutch

Date

4/13/2022

Primary Standards Identification Form: Gas Prover

Contact Person: Harry Sheneman Phone: 856-723-9585
Company Name: PECO Energy
Location: 1060 W. Swedesford Road, Berwyn, PA 19312
Equipment: Sonic Nozzle Prover
Manufacturer: Measurement Systems
Model No: N/A
Serial No: 2019075-1

Accuracy Required: ± 0.5% FS

Date of Current Calibration: April 10, 2022

Performed by: Measurement Systems Inc

Date of Next Calibration: April 2027

Date Lab Scheduled to Perform Calibration: April 2027

Copy of Original Manufacturers Calibration Certificate: Yes

List of Equipment to be calibrated by this Item and Accuracies Desired:

SEE ATTACHMENT C

ATTACHMENT C

Certificate of Accuracy

by
Measurement Systems, Inc

This is to certify that the following Sonic Nozzle Proving Standards have been calibrated to within 0.1% using a certified volumetric standard Bell Prove, serial number 3070 which was strapped using 1 1/2 tape serial number 11049743 with traceability to the National Institute of Standards and Technology.

The t_s is the time, in seconds, required for the passage of one cubic foot of dry air at upstream conditions of 4.59h x10⁶ and 77° F and 0% Relative Humidity.

Sonic Nozzle Serial Number	t_s
2019075-1-25	182.85925
2019075-1-35	129.46057
2019075-1-50	89.97178
2019075-1-125	36.03236
2019075-1-250	18.02511
2019075-1-515	8.78515

Measurement Systems, Inc.

6217 Steeple Hill Rd • New Hope • Pennsylvania • 18938
(215) 862-4050 • Fax (215) 862-5440

By *Henry J. Guntick*

Date 4/10/2022

Primary Standards Identification Form: Gas Prover

Contact Person: Harry Sheneman Phone: 856-723-9585

Company Name: PECO Energy

Location: 1060 W. Swedesford Road, Berwyn, PA 19312

Equipment: Model 6 Transfer Prover

Manufacturer: Dresser Inc.

Model No: Model 6 - 10M

Serial No: 2099519

Accuracy Required: ± 0.5% FS

Date of Current Calibration: November 16, 2020

Performed by: Dresser Roots Meters and Instruments

Date of Next Calibration: November 2025

Date Lab Scheduled to Perform Calibration: November 2025

Copy of Original Manufacturers Calibration Certificate: Yes

List of Equipment to be calibrated by this Item and Accuracies Desired:

SEE ATTACHMENT D

ATTACHMENT D



Certificate of Calibration

This certifies that the Dresser Prover described below has been calibrated with recommended industry procedures of positive displacement proving and with equipment that has been dimensionally measured using standards established by the U. S. Department of Commerce's National Institute of Standards and Technology and/or with equipment that is traceable to NMI-Netherlands Measurement Institute for volumetric flow rate.

1200 CU FT (S/N 0137)

Calibration Prover

P082942/ 10M S/N 2099519

Dresser Calibration Numbers

HOUSTON, TX

Test Location

16 November 2020

Calibration Date

16 November 2020

Exp.

Natural Gas Solutions North America LLC
Dresser Meters & Metering
Houston, Texas USA