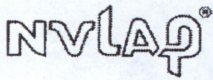


Toshiba

CALIBRATION CERTIFICATE

Virginia Department of Agriculture and Consumer Services



Office of Weights & Measures • Metrology Lab
600 North 5th St. Rm: 162 • Richmond, VA 23219 • USA
Telephone: (804)786-0479 • Fax: (804)371-0206

NVLAP Lab Code 105007-0

Calibrated for: SIMCO ELECTRONICS
8203-J PIEDMONT TRIAD PKWY
GREENSBORO, NC 27409

Date Received: April 24, 2018
Date of Test: April 25, 2018
Test Number: VA-18-11241 E
Calibrated By: William Scott
Procedure: NISTIR 6969 SOP #8

Description of items calibrated: STAINLESS STEEL WEIGHT KIT #21108A ALSO KNOWN AS KIT #0217
Class: NIST HB105-1 (Class F) Condition: GOOD

MEETS NIST CLASS F SPECIFICATION

The Standards described below have been compared with the Standards of the Commonwealth of Virginia.

Environmental condition taken during testing: Temperature: 21.2°C Humidity: 38.3%

Nominal Value	ID	As Found** (error) (mg)	As Left (error) (mg)	Tolerance (mg)	Uncertainty* (±mg)	Balance Used	ID of Standard Set Used
5 lb	1	49	49	230	31	PR5003	W5LB
5 lb	2	72	72	230	31	PR5003	W5LB
5 lb	3	74	74	230	31	PR5003	W5LB
5 lb	4	62	62	230	31	PR5003	W5LB
5 lb	5	81	81	230	31	PR5003	W5LB
1 lb		6.7	6.7	70	8.7	XP2004S	W1LB
1 lb	1 dot	30.9	30.9	70	8.7	XP2004S	W1LB
1 lb	2 dots	15.3	15.3	70	8.7	XP2004S	W1LB
1 lb	3 dots	31.6	31.6	70	8.7	XP2004S	W1LB
1 lb	4 dots	12.0	12.0	70	8.7	XP2004S	W1LB
0.5 lb		8.1	8.1	45	6.0	XP2004S	W0.5LB
0.2 lb		1.75	1.75	18	2.3	MSE225S	W0.2LB
0.2 lb	dot	1.53	1.53	18	2.3	MSE225S	W0.2LB
0.1 lb		5.90	5.90	9.1	1.2	MSE225S	W0.1LB
0.05 lb		2.16	2.16	4.5	0.59	MSE225S	W0.05LB
0.02 lb		0.84	0.84	1.8	0.23	MSE225S	W0.02LB
0.02 lb	dot	1.05	1.05	1.8	0.23	MSE225S	W0.02LB
0.01 lb		0.05	0.05	1.5	0.20	MSE225S	W0.01LB
0.005 lb		0.74	0.74	1.2	0.17	MSE225S	W0.005LB
0.002 lb		0.10	0.10	0.87	0.13	MSE225S	W0.002LB
0.002 lb	dot	0.06	0.06	0.87	0.13	MSE225S	W0.002LB
0.001 lb		-0.03	-0.03	0.70	0.11	MSE225S	W0.001LB

**1 US pound equals 453.59237 grams.

The results of the calibration are metrological traceable to the SI. The SI of the VA lab is through the National Institute of Standards and Technology (NIST) through an unbroken chain of traceable standards and controlled processes.

* The uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of $k=2$.

This report shall not be reproduced except in full without the written approval of the Commonwealth of Virginia Metrology Lab and may not be used to claim product endorsement by this laboratory, NVLAP, NIST, or any agencies of the Federal Government.

This certificate is issued pursuant to Virginia Code § 3.2-5604. The calibration results relate only to the calibrated items identified above.

Reviewed By: W. Scott

William Scott
Authorized Signature

4/26/2018
Date

Page 1 of 1

met.109 Rev 16 by WHL 3/6/2018

5 WM-17-446 Filed: 5/3/2018 Pages: 7
Calibration Reports



United States Department of Commerce National Institute of Standards and Technology

Certificate of Metrological Traceability For:

Virginia

This laboratory has demonstrated evidence of an unbroken chain of metrological traceability of its standards to the international system of units (SI), documented measurement uncertainties, uses documented measurement procedures, successfully completed training and proficiency tests, documented calibration intervals, submitted a quality management system, and demonstrated suitable measurement assurance for the Scope listed on this certificate.

The Office of Weights and Measures Program assesses laboratories to NIST Handbook 143 - Program Handbook for State Weights and Measures Laboratories and ISO/IEC 17025:2005.

Scope

Mass Echelon II	Volume Transfer, II
20 kg to 1 mg	10 gal to 5 gal
Mass Echelon III	Tuning Forks
25 kg to 1 mg	10 kHz to 1 kHz
2500 lb to 0.001 lb	
8 oz to 0.03125 oz	
Weight Carts	
6000 lb to 3000 lb	



2018 to 2019

Douglas A. Olson

Douglas A. Olson, Chief
NIST Office of Weights and Measures

Effective Dates: 2018-01-01 to 2019-12-31

Bauske, Shelly A.

From: Frank Frasca <Frank.Frasca@toshibagcs.com>
Sent: Thursday, May 03, 2018 11:24 AM
To: Bauske, Shelly A.
Subject: RE: ND Renewal Application - Calibration Report Requested

CAUTION: This email originated from an outside source. Do not click links or open attachments unless you know they are safe.

Hi Shelly,

Simco is a vendor Toshiba hired to have our weight kits calibrated by the state of VA.

Thanks,
Frank Frasca
Phone: Office 845-896-0430
E-mail: frank.frasca@toshibagcs.com

▼ "Bauske, Shelly A." ---05/03/2018 11:05:44 AM---Good Morning Frank I noticed the Calibration Certificate was issued to Simco Electronics. Is Simco

From: "Bauske, Shelly A." <sbauske@nd.gov>
To: Frank Frasca <Frank.Frasca@toshibagcs.com>
Date: 05/03/2018 11:05 AM
Subject: RE: ND Renewal Application - Calibration Report Requested

Good Morning Frank

I noticed the Calibration Certificate was issued to Simco Electronics. Is Simco Electronics part of Toshiba?

Thank you for your help!

From: Frank Frasca [<mailto:Frank.Frasca@toshibagcs.com>]
Sent: Thursday, May 03, 2018 7:23 AM
To: Bauske, Shelly A.
Subject: RE: ND Renewal Application - Calibration Report Requested

CAUTION: This email originated from an outside source. Do not click links or open attachments unless you know they are safe.

Hi Shelly,

I just received Tim's report.

(See attached file: McCoy 0217.pdf)

Is there anything else you need from me?

Thanks,
Frank Frasca
Phone: Office 845-896-0430
E-mail: frank.frasca@toshibagcs.com

▼ "Bauske, Shelly A." ---05/02/2018 04:07:02 PM---Yes, I am referring to the kit calibration. Please let me know when the kit is scheduled to be cali

From: "Bauske, Shelly A." <sbauske@nd.gov>
To: Frank Frasca <Frank.Frasca@toshibagcs.com>
Date: 05/02/2018 04:07 PM
Subject: RE: ND Renewal Application - Calibration Report Requested

Yes, I am referring to the kit calibration. Please let me know when the kit is scheduled to be calibrated?

Thank you for checking!

From: Frank Frasca [<mailto:Frank.Frasca@toshibagcs.com>]
Sent: Wednesday, April 25, 2018 8:00 AM
To: Bauske, Shelly A.
Subject: RE: ND Renewal Application - Calibration Report Requested

CAUTION: This email originated from an outside source. Do not click links or open attachments unless you know they are safe.

Shelly,

I am not sure what you mean by a metrology appointment. If your referring to getting his kit calibrated then yes it is in the process.

If you mean something else, can you explain.

Thanks,
Frank Frasca
Phone: Office 845-896-0430
E-mail: frank.frasca@toshibagcs.com

▼ "Bauske, Shelly A." ---04/24/2018 05:14:01 PM---Do you have a metrology appointment? From: Frank Frasca [<mailto:Frank.Frasca@toshibagcs.com>]

From: "Bauske, Shelly A." <sbauske@nd.gov>
To: Frank Frasca <Frank.Frasca@toshibagcs.com>
Date: 04/24/2018 05:14 PM
Subject: RE: ND Renewal Application - Calibration Report Requested

Do you have a metrology appointment?

From: Frank Frasca [<mailto:Frank.Frasca@toshibagcs.com>]
Sent: Tuesday, April 24, 2018 3:23 PM
To: Bauske, Shelly A.
Subject: Fw: ND Renewal Application - Calibration Report Requested

CAUTION: This email originated from an outside source. Do not click links or open attachments unless you know they are safe.

Hi Shelly,

I will send Tim McCoy's calibration report as soon as it becomes available.

Thanks,
Frank Frasca
Phone: Office 845-896-0430
E-mail: frank.frasca@toshibagcs.com

▼ Angela Origliasso---04/19/2018 05:43:57 PM---Hi Frank, If you haven't done so already, please send new calibration reports to ND. Thanks. Angie

From: Angela Origliasso/US/ToshibaGCS
To: Frank Frasca/US/ToshibaGCS@ToshibaGCS
Date: 04/19/2018 05:43 PM
Subject: Fw: RE: ND Renewal Application - Calibration Report Requested

Hi Frank,
If you haven't done so already, please send new calibration reports to ND.

Thanks.
Angie Origliasso
Program Manager
Phone: 636-778-0618
angela.origliasso@toshibagcs.com



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-----Forwarded by Angela Origliasso/US/ToshibaGCS on 04/19/2018 04:43PM -----

To: Angela Origliasso <Angela.Origliasso@toshibagcs.com>
From: "Bauske, Shelly A." <sbauske@nd.gov>

Date: 03/26/2018 04:13PM
Cc: Frank Frasca <Frank.Frasca@toshibagcs.com>
Subject: RE: ND Renewal Application - Calibration Report Requested

Good Afternoon Angela

I am in the process of renewing your permit now. I will update the contact name and address.

I've enjoyed working with you, Angela.

The metrology I have on file is dated February 10, 2017. Do you have a current calibration report?

If you have any questions, Frank, please contact me.

Thank you.

Shelly Bauske

Public Service Commission

600 E Boulevard Ave Dept 408

Bismarck ND 58505-0480

701-328-4070

701-328-2410 (fax)

sbauske@nd.gov

From: Angela Origliasso [<mailto:Angela.Origliasso@toshibagcs.com>]

Sent: Tuesday, March 20, 2018 11:16 AM

To: Bauske, Shelly A.

Cc: Frank Frasca

Subject: Re: ND Renewal Application

CAUTION: This email originated from an outside source. Do not click links or open attachments unless you know they are safe.

Hi Shelly,

Please let me know if our license was renewed. I haven't received the new license.

Also, effective immediately, Frank Frasca (on copy) is taking over W&M for TGCS. Please update the mailing address to:

1231 Hustis Dr

Fishkill, NY 12524

Thanks.

Angie Origliasso
Program Manager
Phone: 636-778-0618
angela.origliasso@toshibagcs.com



-----Angela Origliasso/US/ToshibaGCS wrote: -----

To: sbauske@nd.gov
From: Angela Origliasso/US/ToshibaGCS
Date: 12/28/2017 10:48AM
Subject: ND Renewal Application

Hi Shelly,

Please find our renewal application and calibration report attached.

Please let me know if you need anything else.

Thanks.

Angie Origliasso
Program Manager
Phone: 636-778-0618
angela.origliasso@toshibagcs.com



[attachment "ND Renewal_2018.pdf" removed by Angela Origliasso/US/ToshibaGCS]
[attachment "21108_WS1 Calibration Report.pdf" removed by Angela Origliasso/US/ToshibaGCS]

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