

ALCOTEST CERTIFICATIONS INDEX #43
03-20-2023

ARWF-0394

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DEPARTMENT OF
Traffic and Public Safety
Why is he smiling that?

Dennis J. Lutz
Breath Test Coordinator/Instructor

IN COMPLIANCE WITH THE CONSTITUTION OF THE STATE OF NEW JERSEY AND THE CONSTITUTION OF THE UNITED STATES OF AMERICA, I HEREBY CERTIFY THAT THE ABOVE NAMED INDIVIDUAL IS QUALIFIED TO INSTRUCT IN THE STATE OF NEW JERSEY IN THE BREATH TEST COURSE.

DATE OF EXPIRATION: 11/30/13 DAY: THURSDAY

BY: [Signature] [Signature]
DEPUTY ATTORNEY GENERAL ATTORNEY GENERAL
STATE OF NEW JERSEY STATE OF NEW JERSEY

ORIGINAL COURSE DATES

DATE	Instructor Course PLACE	INSTRUCTOR
1.		
2.		
3.		
4.		
5.		
6.		
7.		
8.		
9.		
10.		

U.P. 2008 (Rev. 07/08)

DEPARTMENT OF
Traffic and Public Safety
Why is he smiling that?

New Jersey State Police

IN COMPLIANCE WITH THE CONSTITUTION OF THE STATE OF NEW JERSEY AND THE CONSTITUTION OF THE UNITED STATES OF AMERICA, I HEREBY CERTIFY THAT THE ABOVE NAMED INDIVIDUAL IS QUALIFIED TO INSTRUCT IN THE STATE OF NEW JERSEY IN THE BREATH TEST COURSE.

DATE OF EXPIRATION: 1st DAY: October

BY: [Signature] [Signature]
DEPUTY ATTORNEY GENERAL ATTORNEY GENERAL
STATE OF NEW JERSEY STATE OF NEW JERSEY

ORIGINAL COURSE DATES

DATE	Instructor Course PLACE	INSTRUCTOR
1. 2-3-11	OCFA	Wm Lutz
2. 1/24/13	OCFA	Adam Sosa
3. 11-23-15	GCPA	M. Gonzalez
4. 4/6/17	LOVERIDGE	Adam Sosa
5. 8/22/19	NTSP Gallaway	[Signature]
6. 7-19-21	Lakehurst	[Signature]
7.		
8.		
9.		
10.		

U.P. 2008 (Rev. 07/08)



State of New Jersey

OFFICE OF THE ATTORNEY GENERAL
DEPARTMENT OF LAW AND PUBLIC SAFETY
DIVISION OF STATE POLICE
POST OFFICE BOX 7068
WEST TRENTON, NJ 08628-0068
(609) 882-2000

PHILIP D. MURPHY
Governor

SHEILA Y. OLIVER
Lt. Governor

GURBIR S. GREWAL
Attorney General

PATRICK J. CALLAHAN
Colonel

CERTIFICATION OF ANALYSIS
0.100 PERCENT BREATH ALCOHOL SIMULATOR SOLUTION

ACCEPTANCE SPECIFICATIONS FOR BREATH ALCOHOL SIMULATOR SOLUTION: Ethyl alcohol concentration within, but not exceeding, the range of 0.1174 to 0.1246 grams per 100 milliliters of solution.

MANUFACTURER: Draeger, Inc.

ANALYSIS DATE: 07/08/2021

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 21230

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1200 to 0.1218 grams per 100 milliliters of solution.

This lot of breath alcohol simulator solution may be utilized as a known traceable standard for the purpose of conducting periodic tests, pursuant to N.J.A.C. 13:51-4.3, of approved breath test instruments (N.J.A.C. 13:51-3.5) utilized by law enforcement agencies in this State. The manufacturer's expiration date for this lot of breath alcohol simulator solution is June 23, 2023.

As Assistant Chief Forensic Scientist for the Division of State Police, I hereby certify and attest that the tests and results documented in this Certificate of Analysis were performed at the Office of Forensic Sciences of the Division of State Police on properly functioning and calibrated instruments and equipment. All procedures utilized are accurate, objective, and performed on a routine basis by personnel within the Office of Forensic Sciences, in accordance with their professional duties and responsibilities.

Michael Kennedy
Assistant Chief Forensic Scientist
NJSP Office of Forensic Sciences

Sworn to and subscribed before me this 20 day of July, 2021.
Notary



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Governor

SHEILA Y. OLIVER
Lt. Governor

GURHIR S. GREWAL
Attorney General

PATRICK J. CALLAHAN
Colonel

CERTIFICATION OF ANALYSIS
0.040 PERCENT BREATH ALCOHOL SIMULATOR SOLUTION

ACCEPTANCE SPECIFICATIONS FOR BREATH ALCOHOL SIMULATOR SOLUTION: Ethyl alcohol concentration within, but not exceeding, the range of 0.0469 to 0.0499 grams per 100 milliliters of solution.

MANUFACTURER: Dräger, Inc.

ANALYSIS DATE: 07/27/2021

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 21250

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.0485 to 0.0489 grams per 100 milliliters of solution.

This lot of breath alcohol simulator solution may be utilized as a known traceable standard for the purpose of conducting periodic tests, pursuant to N.J.A.C. 13:51-4.3, of approved breath test instruments (N.J.A.C. 13:51-3.5) utilized by law enforcement agencies in this State. The manufacturer's expiration date for this lot of breath alcohol simulator solution is July 06, 2023.

As Assistant Chief Forensic Scientist for the Division of State Police, I hereby certify and attest that the tests and results documented in this Certificate of Analysis were performed at the Office of Forensic Sciences of the Division of State Police on properly functioning and calibrated instruments and equipment. All procedures utilized are accurate, objective, and performed on a routine basis by personnel within the Office of Forensic Sciences, in accordance with their professional duties and responsibilities.

Michael Kennedy
Michael Kennedy
Assistant Chief Forensic Scientist
NJSP Office of Forensic Sciences

Sworn to and subscribed before me this 28 day of July, 2021.

Notary Karen E. Stahl

KAREN E. STAHL
NOTARY PUBLIC OF NEW JERSEY
Commission # 60110822
My Commission Expires 8/13/2024



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Governor

SHEILA Y. OLIVER
Lt. Governor

GURBIR S. GREWAL
Attorney General

PATRICK J. CALLAHAN
Colonel

CERTIFICATION OF ANALYSIS
0.080 PERCENT BREATH ALCOHOL SIMULATOR SOLUTION

ACCEPTANCE SPECIFICATIONS FOR BREATH ALCOHOL SIMULATOR SOLUTION: Ethyl alcohol concentration within, but not exceeding, the range of 0.0939 to 0.0997 grams per 100 milliliters of solution.

MANUFACTURER: Draeger, Inc.

ANALYSIS DATE: 07/27/2021

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 21260

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.0970 to 0.0977 grams per 100 milliliters of solution.

This lot of breath alcohol simulator solution may be utilized as a known traceable standard for the purpose of conducting periodic tests, pursuant to N.J.A.C. 13:51-4.3, of approved breath test instruments (N.J.A.C. 13:51-3.5) utilized by law enforcement agencies in this State. The manufacturer's expiration date for this lot of breath alcohol simulator solution is July 19, 2023.

As Assistant Chief Forensic Scientist for the Division of State Police, I hereby certify and attest that the tests and results documented in this Certificate of Analysis were performed at the Office of Forensic Sciences of the Division of State Police on properly functioning and calibrated instruments and equipment. All procedures utilized are accurate, objective, and performed on a routine basis by personnel within the Office of Forensic Sciences, in accordance with their professional duties and responsibilities.

Michael Kennedy
Michael Kennedy
Assistant Chief Forensic Scientist
NJSP Office of Forensic Sciences

Sworn to and subscribed before me this 28 day of July, 2021.
[Signature]
Notary

KAREN E. STAHL
NOTARY PUBLIC OF NEW JERSEY
Commission # 00110622
My Commission Expires 8/13/2024



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Governor

SHEILA Y. OLIVER
Lt. Governor

ANDREW J. BRUCK
Acting Attorney General

PATRICK J. CALLAHAN
Colonel

CERTIFICATION OF ANALYSIS
0.160 PERCENT BREATH ALCOHOL SIMULATOR SOLUTION

ACCEPTANCE SPECIFICATIONS FOR BREATH ALCOHOL SIMULATOR SOLUTION: Ethyl alcohol concentration within, but not exceeding, the range of 0.1878 to 0.1994 grams per 100 milliliters of solution.

MANUFACTURER: Dräger, Inc. ANALYSIS DATE: 08/11/2021
BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 21290

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1945 to 0.1977 grams per 100 milliliters of solution.

This lot of breath alcohol simulator solution may be utilized as a known traceable standard for the purpose of conducting periodic tests, pursuant to N.J.A.C. 13:51-4.3, of approved breath test instruments (N.J.A.C. 13:51-3.5) utilized by law enforcement agencies in this State. The manufacturer's expiration date for this lot of breath alcohol simulator solution is July 29, 2023.

As Assistant Chief Forensic Scientist for the Division of State Police, I hereby certify and attest that the tests and results documented in this Certificate of Analysis were performed at the Office of Forensic Sciences of the Division of State Police on properly functioning and calibrated instruments and equipment. All procedures utilized are accurate, objective, and performed on a routine basis by personnel within the Office of Forensic Sciences, in accordance with their professional duties and responsibilities.

Michael Kennedy
Michael Kennedy
Assistant Chief Forensic Scientist
NJSP Office of Forensic Sciences

Sworn to and subscribed before me this 20 day of August, 2021.

Karen E. Stahl
Notary

KAREN E. STAHL
NOTARY PUBLIC OF NEW JERSEY
Commission # 60110522
My Commission Expires 8/13/2024



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Calibration complies with ISO/IEC
17025, ANSI/NCSL Z540-1, and 9001

ITEM 6-1



Cert. No.: 4000-13326294

Traceable® Certificate of Calibration for Digital Thermometer

Manufactured for and distributed by : VWR International LLC Radnor Corporate Center, Bldg 1, Ste 200, 100 Matsonford Road, Radnor, PA, 19087

Instrument Identification:

Model: 61220-601, S/N: 221473033 Manufacturer: Control Company

Standards/Equipment:

Description	Serial Number	Due Date	NIST Traceable Reference
Temperature Calibration Bath	93139		
Temperature Probe	128	09 Jul 2022	15-D4F0Q-40-1
Thermistor Module	A17118	08 Jul 2022	1000469276
Temperature Calibration Bath	A45240		
Temperature Calibration Bath	A42238		
Temperature Calibration Bath	B01375		
Thermistor Module	B96381	18 Aug 2022	1000470702
Temperature Probe	5392	04 Aug 2022	4500006080
Temperature Probe	5398	24 Aug 2022	4500006081
Thermistor Module	B96382	08 Oct 2022	1000472708
Temperature Probe	5410	20 Oct 2022	4500006780

Certificate Information:

Technician: 299 Procedure: CAL-06 Cal Date: 25 Apr 2022 Cal Due Date: 25 Apr 2024
Test Conditions: 58.46%RH 23.43°C 1017mBar

Calibration Data: (New Instrument)

Unit(s)	Nominal	As Found	In Tol	Nominal	As Left	In Tol	Min	Max	±U	TUR
°C	N.A.	N.A.		0.000	0.001	Y	-0.05	0.05	0.0087	>4:1
°C	N.A.	N.A.		25.000	25.001	Y	24.95	25.05	0.0087	>4:1
°C	N.A.	N.A.		50.000	50.001	Y	49.95	50.05	0.0087	>4:1
°C	N.A.	N.A.		100.000	100.003	Y	99.95	100.05	0.0087	>4:1

This certificate indicates Traceability to standards provided by (NIST) National Institute of Standards and Technology and/or a National Standards Laboratory.

A Test Uncertainty Ratio of at least 4:1 is maintained unless otherwise stated and is calculated using the expanded measurement uncertainty. Uncertainty evaluation includes the instrument under test and is calculated in accordance with the ISO Guide to the Expression of Uncertainty in Measurement (GUM). The uncertainty represents an expanded uncertainty using a coverage factor k=2 to approximate a 95% confidence level. In tolerance conditions are based on test results falling within specified limits with no reduction by the uncertainty of the measurement. The results contained herein relate only to the item calibrated. This certificate shall not be reproduced except in full, without written approval of Control Company.

Nominal=Standard's Reading; As Left=Instrument's Reading; In Tol=In Tolerance; Min/Max=Acceptance Range; ±U=Expanded Measurement Uncertainty; TUR=Test Uncertainty Ratio; Accuracy=±(Max-Min)/2; Min=As Left Nominal(Rounded) - Tolerance; Max= As Left Nominal(Rounded) + Tolerance;

Nicol Rodriguez
Nicol Rodriguez, Quality Manager

Marisa Elms
Marisa Elms, Technical Manager

Note :

Maintaining Accuracy:

In our opinion once calibrated your Digital Thermometer should maintain its accuracy. There is no exact way to determine how long calibration will be maintained. Digital Thermometer change little, if any at all, but can be affected by aging, temperature, shock, and contamination.

CONTROL COMPANY 12554 Galveston RD Suite B230 Webster TX USA 77598
Phone 281 482-1714 Fax 281 482-9448 sales@control3.com www.traceable.com

Control Company is an ISO/IEC 17025:2017 Calibration Laboratory Accredited by (A2LA) American Association for Laboratory Accreditation, Certificate No. 1750.01.
Control Company is ISO 9001:2015 Quality Certified by DNV GL, Certificate No. CERT-01805-2006-AQ-FIQU-ANAB.
International Laboratory Accreditation Cooperation - Multilateral Recognition Arrangement (ILAC-MRA).



Calibration complies with ISO/IEC
17025, ANSI/NCSL Z540-1, and 9001

ITEM 6-2



Cert. No.: 4000-13326294

Traceable® Certificate of Calibration for Digital Thermometer

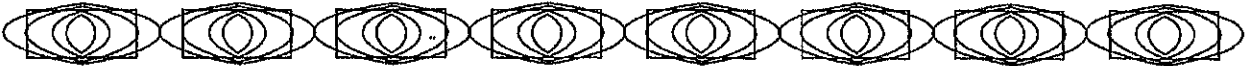
Recalibration:

For factory calibration and re-certification traceable to National Institute of Standards and Technology contact Control Company.

Issue Date : 25 Apr 2022

CONTROL COMPANY 12554 Galveston RD Suite B230 Webster TX USA 77598
Phone 281 482-1714 Fax 281 482-9448 sales@control3.com www.traceable.com

Control Company is an ISO/IEC 17025:2017 Calibration Laboratory Accredited by (A2LA) American Association for Laboratory Accreditation, Certificate No. 1750.01.
Control Company is ISO 9001:2015 Quality Certified by DNV GL, Certificate No. CERT-01805-2006-AQ-HOU-ANAB.
International Laboratory Accreditation Cooperation - Multilateral Recognition Arrangement (ILAC-MRA).



Dräger

Simulator

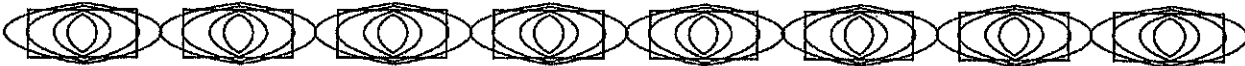
CERTIFICATE OF ACCURACY

This Certificate of Accuracy verifies that the specified unit has been examined and found to be in compliance with National Highway and Traffic Safety Administration regulations for devices used to calibrate Evidential Breath Testers.
(F.R. Vol. 59 No. 249 12/19/94 Notices)
Draeger, Inc.

- Model: ALCOTEST CU34
- Model: MARK IIA
- X-Cal 2000 (Alcosim)
- Other: _____

Serial Number:
DDMK S3 - 0005

Certification Date:	Technician:	Re-Certification Due Date:
<u>2/10/2023</u>	<u>TM/MB</u>	<u>2/10/2024</u>



Dräger

Simulator

CERTIFICATE OF ACCURACY

This Certificate of Accuracy verifies that the specified unit has been examined and found to be in compliance with National Highway and Traffic Safety Administration regulations for devices used to calibrate Evidential Breath Testers.
(F.R. Vol. 59 No. 249 12/19/94 Notices)
Draeger, Inc.

- Model: ALCOTEST CU34
- Model: MARK IIA
- X-Cal 2000 (Alcosim)
- Other: _____

Serial Number:
DDMK S3 - 0003

Certification Date:	Technician:	Re-Certification Due Date:
<u>2/10/2023</u>	<u>TM/MB</u>	<u>2/10/2024</u>



ITEM 8

Dräger

Simulator

CERTIFICATE OF ACCURACY

This Certificate of Accuracy verifies that the specified unit has been examined and found to be in compliance with National Highway and Traffic Safety Administration regulations for devices used to calibrate Evidential Breath Testers.
(F.R. Vol. 59 No. 249 12/19/94 Notices)
Draeger, Inc.

- Model: ALCOTEST CU34
- Model: MARK IIA
- X-Cal 2000 (Alcosim)
- Other: _____

Serial Number:

DDRK 53-0017

Certification Date:
1-25-23

Technician:
DH / MB

Re-Certification Due Date:
1-25-24

Dräger

Alcotest 7110 Temperature Probe

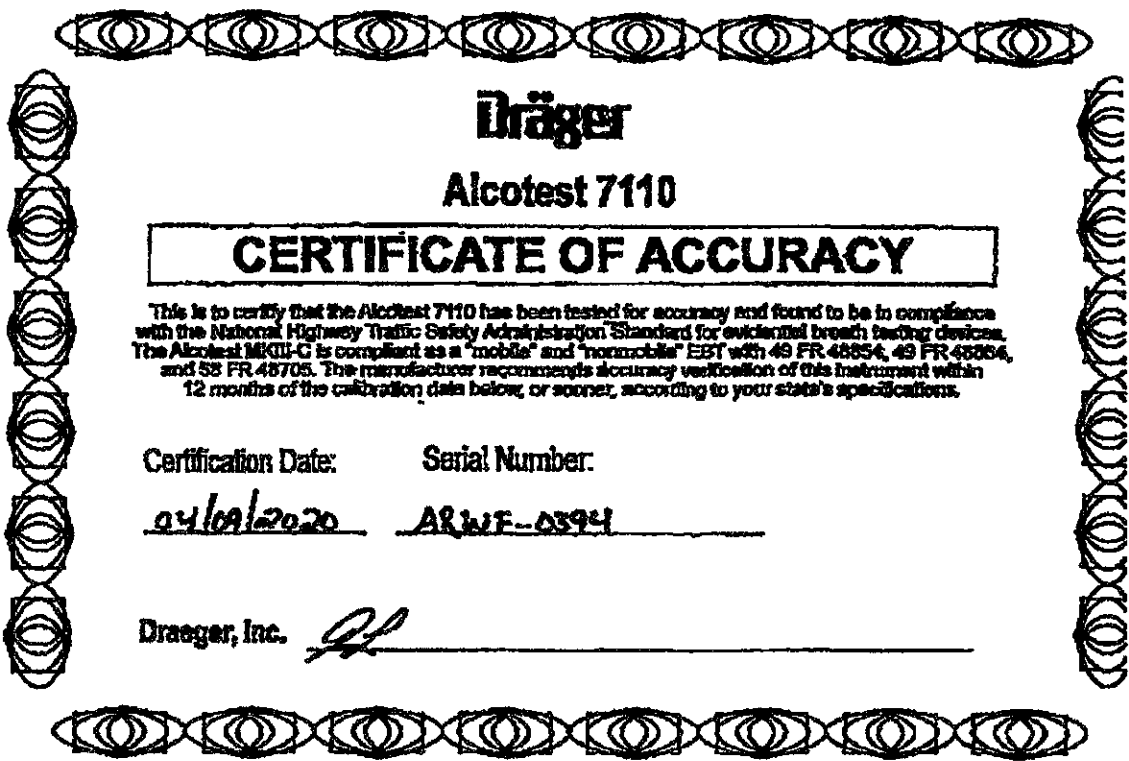
CERTIFICATE OF ACCURACY

This is to certify that the Alcotest 7110 Temperature Probe has been tested for accuracy with instrumentation that is traceable to the National Institute of Standards and Technology (NIST). The manufacturer recommends accuracy verification of the Temperature Probe within 12 months of the certification date below, or sooner, according to your state's specifications. For accurate temperature readings, the probe value on this certificate, noted below, must be programmed into the Alcotest 7110.

Serial Number Temp Probe:	Certification Date:	Next Certification Due:
<u>DDLBP3-0087</u>	<u>2-24-23</u>	<u>2-24-24</u>

Probe Value:
103

Draeger, Inc. DH / A



Dräger

Alcotest 7110

CERTIFICATE OF ACCURACY

This is to certify that the Alcotest 7110 has been tested for accuracy and found to be in compliance with the National Highway Traffic Safety Administration Standard for evidential breath testing devices. The Alcotest MKIII-C is compliant as a "mobile" and "nonmobile" EBT with 49 FR 48854, 49 FR 48864, and 53 FR 48705. The manufacturer recommends accuracy verification of this instrument within 12 months of the calibration date below, or sooner, according to your state's specifications.

Certification Date:

Serial Number:

04/09/2020

ARWF-0394

Dräger, Inc.

Dräger

Simulator

CERTIFICATE OF ACCURACY

This Certificate of Accuracy verifies that the specified unit has been examined and found to be in compliance with National Highway and Traffic Safety Administration regulations for devices used to calibrate Evidential Breath Testers.
(F.R. Vol. 59 No. 249 12/19/94 Notices)
Draeger, Inc.

Model: ALCOTEST CU34

Model: MARK IIA

X-Cal 2000 (Alcosim)

Other: _____

Serial Number:

DDAN-0040

Certification Date:

1/4/2023

Technician:

TM/MB

Re-Certification Due Date:

1/4/2024

Dräger

Alcotest 7110 Temperature Probe

CERTIFICATE OF ACCURACY

This is to certify that the Alcotest 7110 Temperature Probe has been tested for accuracy with instrumentation that is traceable to the National Institute of Standards and Technology (NIST). The manufacturer recommends accuracy verification of the Temperature Probe within 12 months of the certification date below, or sooner, according to your state's specifications. For accurate temperature readings, the probe value on this certificate, noted below, must be programmed into the Alcotest 7110.

Serial Number Temp Probe:

DDXK P2-444

Certification Date:

1/4/2023

Next Certification Due:

1/4/2024

Probe Value:

107

Draeger, Inc.

TM/MB

**Alcotest 7110 MKIII-C Calibration
NIST-Traceable Digital Thermometer Readings**

Coordinator:

Tpr I Dennis J Lotz
Name

7045
Badge No.

Location:

Tom's River P.D.
Agency

ARWF-0394
Alcotest Serial No.

Equipment:

221 473 033
Digital NIST Temperature Measuring System Serial No.

Simulator Solution Concentration	CU-34 Simulator Serial No.	Time Simulators Started to Heat	Time Temp. Reading Obtained	Temp. Reading on NIST Traceable Thermometer
0.04%	DPMK53-0005	10:33 D DL	11:47 D DL	33.9°C
0.08%	DDMK53-0003	10:33 D DL	11:48 D DL	33.9°C
0.10%	DDAN-0040	10:33 D DL	11:50 D DL	33.9°C
0.16%	DDRK53-0017	10:33 D DL	11:51 D DL	33.9°C

Pursuant to law and the "Chemical Breath Testing Regulations" established at N.J.A.C. 13:51, I am a duly appointed Breath Test Coordinator/Instructor. In my official capacity and consistent with the "Calibration Check Procedure for Alcotest 7110" as established by the Chief Forensic Scientist of the Division of State Police, I perform calibration checks on Alcotest 7110 MKIII-C instruments. Pursuant to and consistent with the current "Calibration Check Procedure for Alcotest 7110", I performed a Calibration Check Procedure on the Alcotest 7110 MKIII-C instrument identified on this certificate. Pursuant to the current "Calibration Check Procedure for Alcotest 7110", I used the Digital NIST-traceable Temperature Measuring System identified on this certificate to confirm that the temperatures of the 0.10%, 0.04%, 0.08%, and 0.16% Simulator Solutions used in the respective CU-34 Simulators identified on this certificate, were 34.0 degrees Celsius \pm 0.2 degrees Celsius. I hereby certify that I truthfully recorded on this certificate the temperatures of each of the simulator solutions as shown on the Digital NIST-traceable Temperature Measuring System thermometer. I am aware that if any of the foregoing statements made by me are willfully false, I am subject to punishment.

Tpr I Lotz
Coordinator's Signature

7045
Date

3-20-23

Alcotest 7110 Calibration Record

Equipment

Alcotest 7110 MKIII-C
 Location: TOMS RIVER P.D.
 Calibration File No.: 02197
 Certification File No.: 02124
 Linearity File No.: 02125
 Solution File No.: 02195
 Sequential File No.: 02197

Serial No.: ARWF-0394
 Calib. No.: 00056
 Cert. No.: 00042
 Lin. No.: 00042
 Soln. No.: 00364

Calib. Date: 03/20/2023
 Cert. Date: 10/28/2022
 Lin. Date: 10/28/2022
 Soln. Date: 03/15/2023
 File Date: 03/20/2023

Calibrating Unit: WET
 Control Solution %: 0.100%
 Solution Control Lot: 21230

Model No.: CU-34

Serial No.: DDAN-0040
 Expires: 06/23/2023
 Bottle No.: 1418

Coordinator

Last Name: LUTZ

First Name: DENNIS

MI: J

Signature: _____

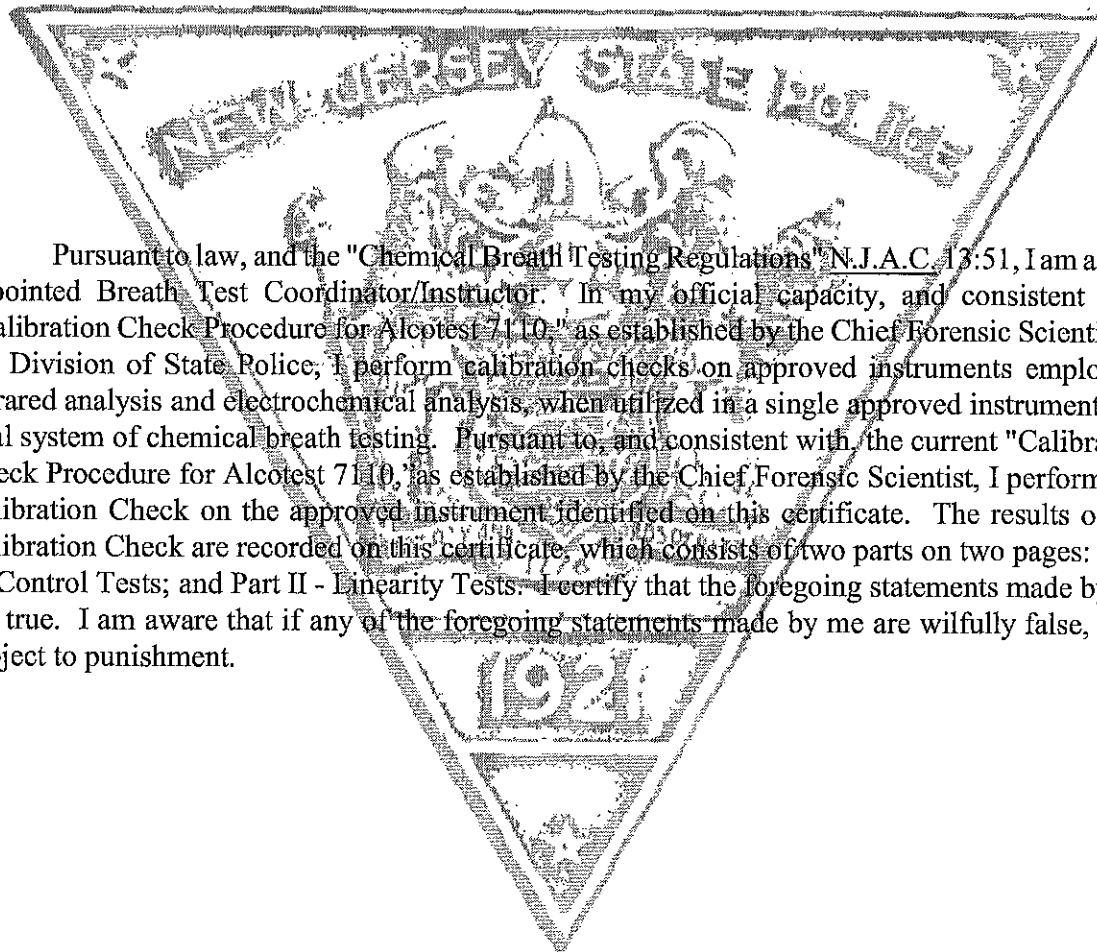
Tpr I [Signature] 7045

Badge No.: 7045

Date: 03/20/2023

*Black Key Temperature Probe Serial.....# DDLBP3-0087 (DL)

*Digital NIST Temperature Measuring System Serial.....# 221 473 033 (DL)



Pursuant to law, and the "Chemical Breath Testing Regulations" N.J.A.C. 13:51, I am a duly appointed Breath Test Coordinator/Instructor. In my official capacity, and consistent with "Calibration Check Procedure for Alcotest 7110," as established by the Chief Forensic Scientist of the Division of State Police, I perform calibration checks on approved instruments employing infrared analysis and electrochemical analysis, when utilized in a single approved instrument as a dual system of chemical breath testing. Pursuant to, and consistent with, the current "Calibration Check Procedure for Alcotest 7110," as established by the Chief Forensic Scientist, I performed a Calibration Check on the approved instrument identified on this certificate. The results of my Calibration Check are recorded on this certificate, which consists of two parts on two pages: Part I - Control Tests; and Part II - Linearity Tests. I certify that the foregoing statements made by me are true. I am aware that if any of the foregoing statements made by me are wilfully false, I am subject to punishment.

Alcotest 7110 Calibration Certificate

Part I - Control Tests

Equipment	Alcotest 7110 MKIII-C	Serial No.:	ARWF-0394
Location:	TOMS RIVER P.D.		
Calibration File No.:	02197	Calib. Date:	03/20/2023
Certification File No.:	02198	Cert. No.:	00056
Linearity File No.:	02125	Calib. No.:	00043
Solution File No.:	02195	Lin. Date:	10/28/2022
Sequential File No.:	02198	Lin. No.:	00042
		Soln. Date:	03/15/2023
		Soln. No.:	00364
		File Date:	03/20/2023
Calibrating Unit:	WET	Model No.:	CU-34
Control Solution %:	0.100%	Serial No.:	DDAN-0040
Solution Control Lot:	21230	Expires:	06/23/2023
		Bottle No.:	1418

Function	Result	Time	Temperature	Comment(s)
	%BAC	HH:MM	Simulator (°C)	or Error(s)
Ambient Air Blank	0.000%	11:06S	12:06 D DL	
Control 1 EC	0.100%	11:07S	33.9°C	*** TEST PASSED ***
Control 1 IR	0.100%	11:07S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	11:08S		
Control 2 EC	0.096%	11:08S	33.9°C	*** TEST PASSED ***
Control 2 IR	0.100%	11:08S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	11:09S		
Control 3 EC	0.096%	11:10S	33.9°C	*** TEST PASSED ***
Control 3 IR	0.100%	11:10S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	11:11S	12:11 D DL	

All tests within acceptable tolerance.

Coordinator

Last Name: LUTZ

First Name: DENNIS

MI: J

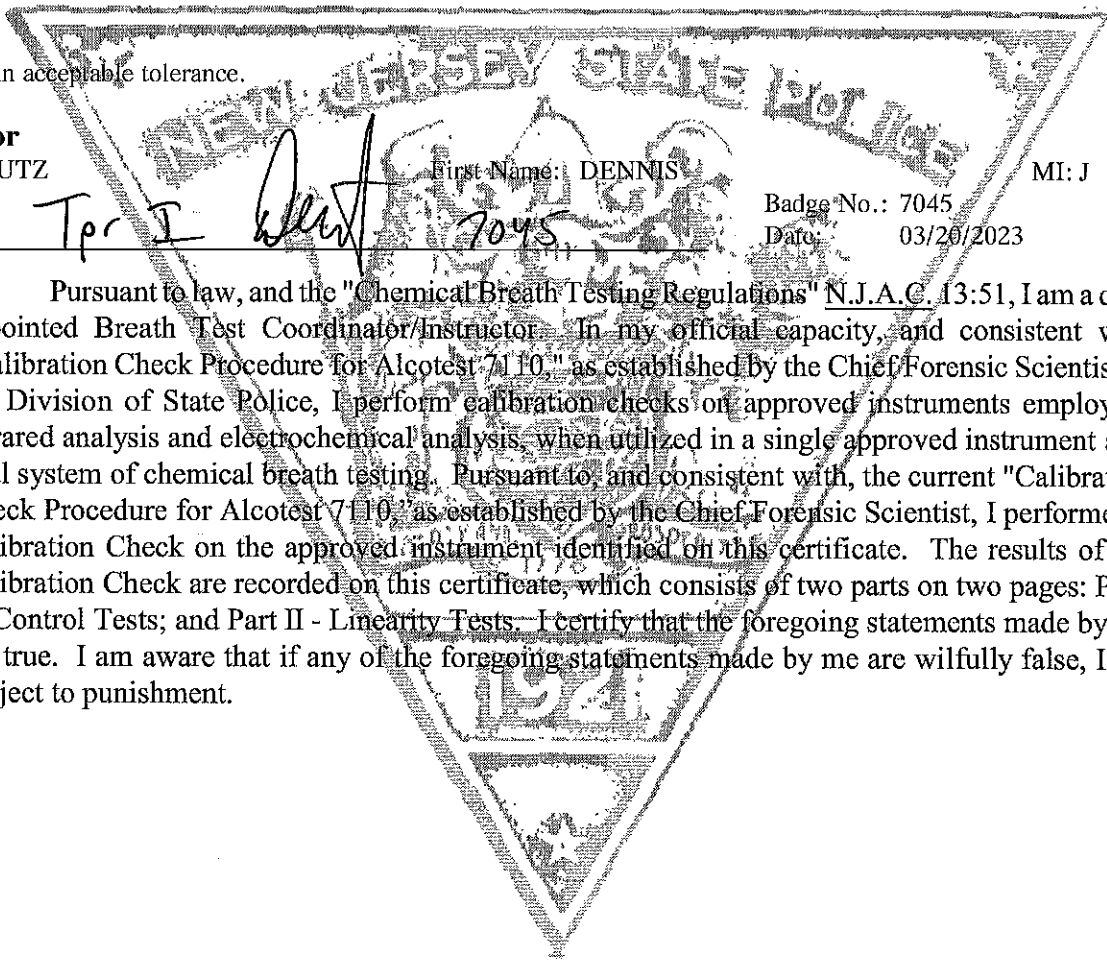
Signature: *Tpr D Lutz*

7045

Badge No.: 7045

Date: 03/20/2023

Pursuant to law, and the "Chemical Breath Testing Regulations" N.J.A.C. 13:51, I am a duly appointed Breath Test Coordinator/Instructor. In my official capacity, and consistent with "Calibration Check Procedure for Alcotest 7110," as established by the Chief Forensic Scientist of the Division of State Police, I perform calibration checks on approved instruments employing infrared analysis and electrochemical analysis, when utilized in a single approved instrument as a dual system of chemical breath testing. Pursuant to, and consistent with, the current "Calibration Check Procedure for Alcotest 7110," as established by the Chief Forensic Scientist, I performed a Calibration Check on the approved instrument identified on this certificate. The results of my Calibration Check are recorded on this certificate, which consists of two parts on two pages: Part I - Control Tests; and Part II - Linearity Tests. I certify that the foregoing statements made by me are true. I am aware that if any of the foregoing statements made by me are wilfully false, I am subject to punishment.



Alcotest 7110 Calibration Certificate

Part II - Linearity Tests

Equipment Alcotest 7110 MKIII-C Serial No.: ARWF-0394
 Location: TOMS RIVER P.D.
 Calibration File No.: 02197 Calib. Date: 03/20/2023 Calib. No.: 00056
 Certification File No.: 02198 Cert. Date: 03/20/2023 Cert. No.: 00043
 Linearity File No.: 02199 Lin. Date: 03/20/2023 Lin. No.: 00043
 Solution File No.: 02195 Soln. Date: 03/15/2023 Soln. No.: 00364
 Sequential File No.: 02199 File Date: 03/20/2023

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDMK S3-0005
 Control Solution %: 0.040% Expires: 07/06/2023
 Solution Control Lot: 21250 Bottle No.: 1239

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDMK S3-0003
 Control Solution %: 0.080% Expires: 07/19/2023
 Solution Control Lot: 21260 Bottle No.: 0936

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDRK S3-0017
 Control Solution %: 0.160% Expires: 07/29/2023
 Solution Control Lot: 21290 Bottle No.: 1184

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	11:29S	12:29 D DL	
Control 1 EC	0.041%	11:29S	33.9°C	*** TEST PASSED ***
Control 1 IR	0.041%	11:29S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	11:31S		
Control 2 EC	0.041%	11:31S	33.9°C	*** TEST PASSED ***
Control 2 IR	0.041%	11:31S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	11:33S		
Control 3 EC	0.082%	11:34S	33.9°C	*** TEST PASSED ***
Control 3 IR	0.081%	11:34S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	11:35S		
Control 4 EC	0.080%	11:36S	34.0°C	*** TEST PASSED ***
Control 4 IR	0.081%	11:36S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	11:38S		
Control 5 EC	0.162%	11:38S	34.0°C	*** TEST PASSED ***
Control 5 IR	0.161%	11:38S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	11:40S		
Control 6 EC	0.162%	11:41S	34.0°C	*** TEST PASSED ***
Control 6 IR	0.161%	11:41S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	11:42S	12:42 D DL	

All tests within acceptable tolerance.

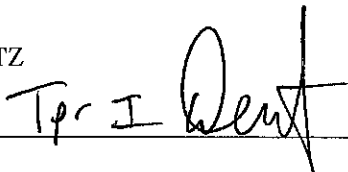
Coordinator

Last Name: LUTZ

First Name: DENNIS

MI: J

Signature: _____



7045

Badge No.: 7045

Date: 03/20/2023

Calibrating Unit New Standard Solution Report

Equipment	Alcotest 7110 MKIII-C	Serial No.:	ARWF-0394
Location:	TOMS RIVER P.D.		
Calibration File No.:	02197	Calib. Date:	03/20/2023
Certification File No.:	02198	Cert. No.:	00056
Linearity File No.:	02199	Cert. Date:	03/20/2023
Solution File No.:	02200	Lin. No.:	00043
Sequential File No.:	02200	Lin. Date:	03/20/2023
		Soln. No.:	00365
		Soln. Date:	03/20/2023
		File Date:	03/20/2023
Calibrating Unit:	WET	Model No.:	CU-34
Control Solution %:	0.100%	Serial No.:	DDAN-0040
Solution Control Lot:	22110	Expires:	04/04/2024
		Bottle No.:	1011

Function	Result	Time	Temperature	Comment(s)
	%BAC	HH:MM	Simulator (°C)	or Error(s)
Ambient Air Blank	0.000%	12:56S	13:56 D DL	
Control 1 EC	0.102%	12:57S	33.9°C	*** TEST PASSED ***
Control 1 IR	0.101%	12:57S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	12:57S		
Control 2 EC	0.099%	12:58S	33.9°C	*** TEST PASSED ***
Control 2 IR	0.100%	12:58S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	12:59S		
Control 3 EC	0.099%	13:00S	33.9°C	*** TEST PASSED ***
Control 3 IR	0.101%	13:00S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:01S	14:01 D DL	

All tests within acceptable tolerance.

On this date, I installed the above indicated "NEW SOLUTION" in accordance with Alcotest 7110 operator training and procedures established by the (NJSP) Chief Forensic Scientist.

Temperature Probe Serial Number: DDXK P2-444 (DL)

Changed By:

Last Name: LUTZ	First Name: DENNIS	MI: J
Signature: <u>Tpr I Dent 7045</u>	Badge No.: 7045	Date: 03/20/2023



State of New Jersey

OFFICE OF THE ATTORNEY GENERAL
DEPARTMENT OF LAW AND PUBLIC SAFETY
DIVISION OF STATE POLICE
POST OFFICE BOX 7068
WEST TRENTON, NJ 08628-0068
(609) 882-2000

PHILIP D. MURPHY
Governor

SHEILA Y. OLIVER
Lt. Governor

MATTHEW J. PLATKIN
Acting Attorney General

COLONEL PATRICK J. CALLAHAN
Superintendent

CERTIFICATION OF ANALYSIS
0.100 PERCENT BREATH ALCOHOL SIMULATOR SOLUTION

ACCEPTANCE SPECIFICATIONS FOR BREATH ALCOHOL SIMULATOR SOLUTION: Ethyl alcohol concentration within, but not exceeding, the range of 0.1174 to 0.1246 grams per 100 milliliters of solution.

MANUFACTURER: Dräger, Inc.

ANALYSIS DATE: 04/26/2022

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 22110

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1219 to 0.1237 grams per 100 milliliters of solution.

This lot of breath alcohol simulator solution may be utilized as a known traceable standard for the purpose of conducting periodic tests, pursuant to N.J.A.C. 13:51-4.3, of approved breath test instruments (N.J.A.C. 13:51-3.5) utilized by law enforcement agencies in this State. The manufacturer's expiration date for this lot of breath alcohol simulator solution is April 4, 2024.

As Acting OFS Director for the Division of State Police, I hereby certify and attest that the tests and results documented in this Certificate of Analysis were performed at the Office of Forensic Sciences of the Division of State Police on properly functioning and calibrated instruments and equipment. All procedures utilized are accurate, objective, and performed on a routine basis by personnel within the Office of Forensic Sciences, in accordance with their professional duties and responsibilities.

Michael Kennedy
Michael Kennedy
Acting OFS Director
NJSP Office of Forensic Sciences

Sworn to and subscribed before me this 28 day of April, 2022.
[Signature]
Notary

KAREN E. STAHL
NOTARY PUBLIC OF NEW JERSEY
Commission # 80110622
My Commission Expires 8/13/2024



"An Internationally Accredited Agency"
New Jersey Is An Equal Opportunity Employer
Printed on Recycled Paper and Recyclable



DEPARTMENT OF Water and Public Safety
This is to certify that

Ronald C. Bayer
Toms River Township

IS QUALIFIED AND COMPETENT TO CONDUCT CHEMICAL BREATH ANALYSES PURSUANT TO CHAPTER 142 OF THE LAWS OF 1966 IN THE OPERATION OF THE ALCOTEST 7110 MK III-C
A METHOD TO DETERMINE INTOXICATION.
GIVEN UNDER MY HAND AT TRENTON, NEW JERSEY THIS 5th DAY OF April

TWO THOUSAND AND Twelve

[Signature]
SUPERINTENDENT
NEW JERSEY STATE POLICE

[Signature]
ATTORNEY GENERAL
STATE OF NEW JERSEY

ORIGINAL COURSE DATES

DATE	Refresher Course PLACE	INSTRUCTOR
1. 1-23-14	LAKEHURST	Wm Cross
2. 4-21-16	LAKEHURST	Wm Cross
3. 3/27/18	LAKEHURST	Adam Stankis
4. 8/6/20	ALLC	Adam Stankis
5. 9/7/22	Lakehurst	JAH
6.		
7.		
8.		
9.		

S.P. 2935 (Rev. 02/12)

DEPARTMENT OF Water and Public Safety
This is to certify that

Steven Schwartz
Toms River Police Department

IS QUALIFIED AND COMPETENT TO CONDUCT CHEMICAL BREATH ANALYSES PURSUANT TO CHAPTER 142 OF THE LAWS OF 1966 IN THE OPERATION OF THE ALCOTEST 7110 MK III-C
A METHOD TO DETERMINE INTOXICATION.
GIVEN UNDER MY HAND AT TRENTON, NEW JERSEY THIS 22nd DAY OF December

TWO THOUSAND AND Nine

[Signature]
SUPERINTENDENT
NEW JERSEY STATE POLICE

[Signature]
ATTORNEY GENERAL
STATE OF NEW JERSEY

ORIGINAL COURSE DATES 1/5/2006

DATE	Refresher Course PLACE	INSTRUCTOR
1. 9/22/2008	Ocean Co.	Cross
2. 7-28-10	OCPA	Wm Cross
3. 2-6-12	OCPA	J. Schyns
4. 2-11-14	LAKEHURST	Wm Cross
5. 4-27-16	LAKEHURST	Wm Cross
6. 8/16/18	NJSP. CALLOWAY	Adam Stankis
7. 8/3/20	ALLC	Adam Stankis
8. 9/8/22	Lakehurst	Brown
9.		

S.P. 2935 (Rev. 07/07)

DEPARTMENT OF Water and Public Safety
This is to certify that

Robert Westall
Toms River Township Police Department

IS QUALIFIED AND COMPETENT TO CONDUCT CHEMICAL BREATH ANALYSES PURSUANT TO CHAPTER 142 OF THE LAWS OF 1966 IN THE OPERATION OF THE ALCOTEST 7110 MK III-C
A METHOD TO DETERMINE INTOXICATION.
GIVEN UNDER MY HAND AT TRENTON, NEW JERSEY THIS 14th DAY OF June

TWO THOUSAND AND Ten

[Signature]
SUPERINTENDENT
NEW JERSEY STATE POLICE

[Signature]
ATTORNEY GENERAL
STATE OF NEW JERSEY

ORIGINAL COURSE DATES 1/4/2006

DATE	Refresher Course PLACE	INSTRUCTOR
1. 2/8/2010	Ocean Co. P.A.	Stanks
2. 1/5/11	OCPA	Adam Stankis
3. 1-29-13	OCPA	Wm Cross
4. 3-2-15	OCPA	Wm Cross
5. 4/10/17	LAKEHURST	Adam Stankis
6. 5-29-19	LAKEHURST	Wm Cross
7. 8/2/21	Lakehurst	R 9
8. 3/1/23	Lakehurst	JAH
9.		

S.P. 2935 (Rev. 03/10)

DEPARTMENT OF Water and Public Safety
This is to certify that

David Bartoshek
Toms River Township Police Department

IS QUALIFIED AND COMPETENT TO CONDUCT CHEMICAL BREATH ANALYSES PURSUANT TO CHAPTER 142 OF THE LAWS OF 1966 IN THE OPERATION OF THE ALCOTEST 7110 MK III-C
A METHOD TO DETERMINE INTOXICATION.
GIVEN UNDER MY HAND AT TRENTON, NEW JERSEY THIS 28th DAY OF February

TWO THOUSAND AND Fourteen

[Signature]
SUPERINTENDENT
NEW JERSEY STATE POLICE

[Signature]
ATTORNEY GENERAL
STATE OF NEW JERSEY

ORIGINAL COURSE DATES 1/3/2006

DATE	Refresher Course PLACE	INSTRUCTOR
1. 1/6/2014	Lakehurst	Cross
2. 2-16-16	LAKEHURST	Wm Cross
3. 3-27-18	LAKEHURST	Wm Cross
4. 8/14/20	ALLC	Adam Stankis
5. 4/19/22	Lakehurst	JAH
6.		
7.		
8.		
9.		

S.P. 2935 (Rev. 09/13)

DEPARTMENT OF
Traffic and Public Safety
This is to certify that

Maria S. Nater
Toms River Police Department
IS QUALIFIED AND COMPETENT TO CONDUCT CHEMICAL ANALYSES PURSUANT TO CHAPTER 142 OF
THE LAWS OF 1968 IN THE OPERATION OF THE ALCOHOL TEST 7110 MK III-C
A METHOD TO DETERMINE INTOXICATION
GIVEN UNDER MY HAND AT TRENTON, NEW JERSEY, THIS 13th DAY OF December
TWO THOUSAND AND Seven

[Signature]
SUPERINTENDENT
NEW JERSEY STATE POLICE
[Signature]
ATTORNEY GENERAL
STATE OF NEW JERSEY

ORIGINAL COURSE DATES 3-28-2005

DATE	Refresher Course PLACE	INSTRUCTOR
1. 11-30-07	Ocean Co. PA	Stanks
2. 7-29-09	OCPA	Adam Stanks
3. 1-3-11	OCPA	Wm Loss
4. 2-7-13	OCPA	Wm Loss
5. 1-20-15	OCPA	Wm Loss
6. 3/21/17	LAKEHURST	Adam Stanks
7. 4-15-19	LAKEHURST	Wm Loss
8. 7-7-21	Lakehurst	Ha DuLup
9.		

S.P. 293B (Rev. 07/07)

DEPARTMENT OF
Traffic and Public Safety
This is to certify that

Adam M. Koepfen
Toms River Township
IS QUALIFIED AND COMPETENT TO CONDUCT CHEMICAL ANALYSES PURSUANT TO CHAPTER 142 OF
THE LAWS OF 1968 IN THE OPERATION OF THE ALCOHOL TEST TO MKIII-C
A METHOD TO DETERMINE INTOXICATION
GIVEN UNDER MY HAND AT TRENTON, NEW JERSEY, THIS 1st DAY OF March
TWO THOUSAND AND Eleven

[Signature]
SUPERINTENDENT
NEW JERSEY STATE POLICE
[Signature]
ATTORNEY GENERAL
STATE OF NEW JERSEY

ORIGINAL COURSE DATES

DATE	Refresher Course PLACE	INSTRUCTOR
1. 1/17/13	OCPA	Adam Stanks
2. 1-22-15	OCPA	Wm Loss
3. 4/26/17	LAKEHURST	Adam Stanks
4. 1-24-19	Lakehurst	R. G.
5. 8-5-21	Lakehurst	Wm Loss
6. 3/24/23	Lakehurst	JAH
7.		
8.		
9.		

S.P. 293B (Rev. 03/10)

DEPARTMENT OF
Traffic and Public Safety
This is to certify that

Pascal M. Camba, Jr.
Toms River Township
IS QUALIFIED AND COMPETENT TO CONDUCT CHEMICAL ANALYSES PURSUANT TO CHAPTER 142 OF
THE LAWS OF 1968 IN THE OPERATION OF THE ALCOHOL TEST 7110 MKIII-C
A METHOD TO DETERMINE INTOXICATION
GIVEN UNDER MY HAND AT TRENTON, NEW JERSEY, THIS 7th DAY OF March
TWO THOUSAND AND Thirteen

[Signature]
SUPERINTENDENT
NEW JERSEY STATE POLICE
[Signature]
ATTORNEY GENERAL
STATE OF NEW JERSEY

ORIGINAL COURSE DATES

DATE	Refresher Course PLACE	INSTRUCTOR
1. 3/3/15	OCPA	Adam Stanks
2. 4/27/17	LAKEHURST	Adam Stanks
3. 5/9/19	LAKEHURST	Adam Stanks
4. 7-9-21	Lakehurst	Ha DuLup
5. 3/3/23	Lakehurst	JAH
6.		
7.		
8.		
9.		

S.P. 293B (Rev. 03/10)

DEPARTMENT OF
Traffic and Public Safety
This is to certify that

Michael P. Cassidy Jr.
Toms River Township
IS QUALIFIED AND COMPETENT TO CONDUCT CHEMICAL ANALYSES PURSUANT TO CHAPTER 142 OF
THE LAWS OF 1968 IN THE OPERATION OF THE ALCOHOL TEST 7110 MKIII-C
A METHOD TO DETERMINE INTOXICATION
GIVEN UNDER MY HAND AT TRENTON, NEW JERSEY, THIS 23rd DAY OF May
TWO THOUSAND AND Sixteen

[Signature]
SUPERINTENDENT
NEW JERSEY STATE POLICE
[Signature]
ACTING NEW JERSEY GENERAL
STATE OF NEW JERSEY

ORIGINAL COURSE DATES 08/26/2013 - 08/29/2013

DATE	Refresher Course PLACE	INSTRUCTOR
1. 02/03/2015	Ocean Co. P.A.	Stanks
2. 4-5-17	LAKEHURST	Wm Loss
3. 4/16/19	LAKEHURST	Adam Stanks
4. 7/20/21	Lakehurst	Ha DuLup
5. 3/3/23	Lakehurst	JAH
6.		
7.		
8.		
9.		

S.P. 293B (Rev. 08/13)

DEPARTMENT OF
Traffic and Public Safety
This is to certify that

Ryan P. Fitzgerald
Toms River Township

IS QUALIFIED AND COMPETENT TO CONDUCT CHEMICAL BREATH ANALYSES PURSUANT TO CHAPTER 143 OF
THE LAWS OF 1966 IN THE OPERATION OF THE **Alcotest 7110 MKIII-C**
A METHOD TO DETERMINE INTOXICATION.
GIVEN UNDER MY HAND AT TRENTON, NEW JERSEY THIS 25th DAY OF May

TWO THOUSAND AND Seventeen

[Signature]
SUPERINTENDENT
NEW JERSEY STATE POLICE

[Signature]
ATTORNEY GENERAL
STATE OF NEW JERSEY

ORIGINAL COURSE DATES

DATE	Refresher Course PLACE	INSTRUCTOR
1. 5/9/19	LAKEHURST	Adam Standen
2. 8-3-21	Lakehurst	John Kelly
3. 2/28/23	Lakehurst	[Signature]
4.		
5.		
6.		
7.		
8.		
9.		

S.P. 293B (Rev. 08/16)

DEPARTMENT OF
Traffic and Public Safety
This is to certify that

John R. Marsicano
Toms River Township

IS QUALIFIED AND COMPETENT TO CONDUCT CHEMICAL BREATH ANALYSES PURSUANT TO CHAPTER 143 OF
THE LAWS OF 1966 IN THE OPERATION OF THE **Alcotest 7110 MKIII-C**
A METHOD TO DETERMINE INTOXICATION.
GIVEN UNDER MY HAND AT TRENTON, NEW JERSEY THIS 15th DAY OF February

TWO THOUSAND AND 18

[Signature]
COLONEL
NEW JERSEY STATE POLICE

[Signature]
ATTORNEY GENERAL
STATE OF NEW JERSEY

ORIGINAL COURSE DATES

DATE	Refresher Course PLACE	INSTRUCTOR
1. 8/13/20	Lakehurst	Adam Standen
2. 4/21/22	Lakehurst	JFH
3.		
4.		
5.		
6.		
7.		
8.		
9.		

S.P. 293B (Rev. 01/18)