

ALCOTEST CERTIFICATIONS INDEX

11-04-2016

ARWF-0394

- ITEM # 1 - NJSP OFFICER'S ALCOTEST CREDENTIALS
- ITEM # 2 - CERT OF ANALYSIS SIMULATOR SOLUTION 0.10
- ITEM # 3 - CERT OF ANALYSIS SIMULATOR SOLUTION 0.04
- ITEM # 4 - CERT OF ANALYSIS SIMULATOR SOLUTION 0.08
- ITEM # 5 - CERT OF ANALYSIS SIMULATOR SOLUTION 0.16
- ITEM # 6 - NIST CERT
- ITEM # 7 - ALCOTEST CU34 SERIAL #DDWES3-0206
- ITEM # 8 - ALCOTEST CU34 SERIAL #DDWFS3-0218
- ITEM # 9 - ALCOTEST CU34 SERIAL #DDWJS3-0334
- ITEM # 10 - ALCOTEST TEMPERATURE PROBE SERIAL # DDXKP2-396
- ITEM # 11 - TRPD ALCOTEST 7110 MK111-C SERIAL # ARWF-0394
- ITEM # 12 - TRPD ALCOTEST CU34 SERIAL # DDAN-0040
- ITEM # 13 - TRPD ALCOTEST TEMP PROBE SERIAL # DDXKP2-444
- ITEM # 14 - ALCOTEST 7110 CALIBRATION RECORD
- ITEM # 15 - ALCOTEST 7110 CALIBRATION CONTROL TESTS
- ITEM # 16 - ALCOTEST 7110 CALIBRATION LINEARITY TESTS
- ITEM # 17 - NJSP NEW STANDARD SOLUTION REPORT
- ITEM # 18 - CERTIFICATE OF ANALYSIS SIMULATOR SOLUTION (16140)
- ITEM # 19 - ALCOTEST CARDS/SOLUTION CHANGE OPERATOR (2PGS.)

Item 1 of 19

ARWF-0394

DEPARTMENT OF
Law and Public Safety
This is to certify that

Kevin W. Alcott

Breath Test Coordinator/Instructor

IS QUALIFIED AND COMPETENT TO CONDUCT CHEMICAL BREATH ANALYSES PURSUANT TO CHAPTER 142 OF
THE LAWS OF 1964 IN THE OPERATION OF THE Alcotest 7110 MKIII-C

A METHOD TO DETERMINE INTOXICATION
GIVEN UNDER MY HAND AT TRENTON, NEW JERSEY, THIS 21st DAY OF May

TWO THOUSAND AND Fifteen


SUPERINTENDENT
NEW JERSEY STATE POLICE


ATTORNEY GENERAL
STATE OF NEW JERSEY

ORIGINAL COURSE DATES

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

S.P. 2008 (Rev. 08/15)

DEPARTMENT OF
Law and Public Safety
This is to certify that

KEVIN W. ALCOTT

NEW JERSEY STATE POLICE

IS QUALIFIED AND COMPETENT TO CONDUCT CHEMICAL BREATH ANALYSES PURSUANT TO CHAPTER 142 OF
THE LAWS OF 1964 IN THE OPERATION OF THE ALCOTEST 7110 MKIII-C

A METHOD TO DETERMINE INTOXICATION
GIVEN UNDER MY HAND AT TRENTON, NEW JERSEY, THIS 28th DAY OF APRIL

TWO THOUSAND AND EIGHT


SUPERINTENDENT
NEW JERSEY STATE POLICE


ATTORNEY GENERAL
STATE OF NEW JERSEY

ORIGINAL COURSE DATES

DATE	Refresher Course PLACE	INSTRUCTOR
1. 8-25-10	BCPA	R. Lee
2. 1-12-12	ROUNDA LOPA	C.D.
3. 1-16-14	SAYREVILLE PD	R. Lee
4. 1/21/16	Lakehurst	Dean Standa
5.		
6.		
7.		
8.		
9.		

S.P. 2008 (Rev. 07/07)

Item 2 of 19

ARWF-0394



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

CHRIS CHRISTIE
Governor

CHRISTOPHER S. PORRINO
Attorney General

KIM GUADAGNO
Lt. Governor

COLONEL JOSEPH R. FURNES
Superintendent

CERTIFICATION OF ANALYSIS
0.10 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 Safety, Inc.

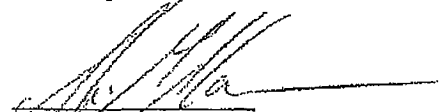
ANALYSIS DATE: 09/19/2016

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 16220

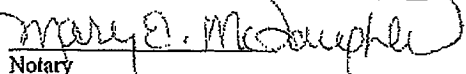
Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1202 to 0.1207 grams per 100 milliliters of solution.

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 September 07, 2018.

As Research 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.


Ali M. Alaouie, Ph.D.
Research Scientist
NJSP Office of Forensic Sciences

Sworn to and subscribed before me this 19th day of September, 2016.


Notary

MARY ELIZABETH MCLAUGHLIN
ID # 2052190
NOTARY PUBLIC
STATE OF NEW JERSEY
My Commission Expires Dec. 24, 2018



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



item 3 of 19

ARWF-0394



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

CHRIS CHRISTIE
Governor

KIM GUADAGNO
Lt. Governor

CHRISTOPHER S. POKRINO
Attorney General

COLONEL JOSEPH R. FUENTES
Superintendent

CERTIFICATION OF ANALYSIS
0.04 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: Draeger Safety, Inc.

ANALYSIS DATE: 09/27/2016

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 16230

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.0484 to 0.0492 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 September 19, 2018.

As Research 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.

Adi M. Alaoui, Ph.D,
Research Scientist
NJSP Office of Forensic Sciences

Sworn to and subscribed before me this 28th day of September, 2016.

Notary

MARY ELIZABETH MCLAUGHLIN
ID # 2052190
NOTARY PUBLIC
STATE OF NEW JERSEY
My Commission Expires Dec. 24, 2018



"An Internationally Accredited Agency"

New Jersey Is An Equal Opportunity Employer
Printed on Recycled Paper and Recyclable



item 4 of 19

ARWF-0394



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

CHRIS CHRISTIE
Governor

CHRISTOPHER S. PORRINO
Attorney General

KIM GUADAGNO
Lt. Governor

COLONEL JOSEPH R. PUENTES
Superintendent

CERTIFICATION OF ANALYSIS
0.08 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 Safety, Inc.

ANALYSIS DATE: 10/04/2016

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 16250

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.0965 to 0.0975 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 September 27, 2018.

As Research 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.

Ali M. Alacóie, Ph.D.
Research Scientist
NJSP Office of Forensic Sciences

Sworn to and subscribed before me this 5th day of October, 2016.

Notary

MARY ELIZABETH MCLAUGHLIN

ID # 2052190
NOTARY PUBLIC
STATE OF NEW JERSEY
My Commission Expires Dec. 24, 2018



"An Internationally Accredited Agency!"

New Jersey Is An Equal Opportunity Employer
Printed on Recycled Paper and Recyclable



item 5 of 19

ARWF-0394



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

CHRIS CHRISTIE
Governor

KIM GUADAGNO
Lt. Governor

CHRISTOPHER S. PORRINO
Attorney General

COLONEL JOSEPH R. FUENTES
Superintendent

CERTIFICATION OF ANALYSIS
0.16 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: Draeger Safety, Inc.

ANALYSIS DATE: 10/13/2016

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 16260

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1928 to 0.1964 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 October 3, 2018.

As Research 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.

Ali M. Alaoui, Ph.D.
Research Scientist
NJSP Office of Forensic Sciences

Sworn to and subscribed before me this 13 day of October, 2016.

Notary
JOHN R LEAVER
ID # 2207138
NOTARY PUBLIC
STATE OF NEW JERSEY
My Commission Expires Dec. 14, 2017



"An Internationally Accredited Agency"

New Jersey Is An Equal Opportunity Employer.
Printed on Recycled Paper and Recyclable



Item 6 of 19

ARWF-0394



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



Calibration Certificate No. 1750.01

Cert. No.: 4000-7019762

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: 150649672 Manufacturer: Control Company

Standards/Equipment:

Table with 4 columns: Description, Serial Number, Due Date, NIST Traceable Reference. Lists calibration details for various temperature calibration baths and probes.

Certificate Information:

Technician: 68 Procedure: CAL-06 Cal Date: 8/31/15 Due Date: 8/31/17
Test Conditions: 23.0°C 47.0 %RH 1017 mBar

Calibration Data: (New Instrument)

Table with 11 columns: Unit(s), Nominal, As Found, In Tol, Nominal, As Left, In Tol, Min, Max, ±U, TUR. Shows calibration results for 0°C, 25°C, 50°C, and 100°C.

This instrument was calibrated using instruments traceable to National Institute of Standards and Technology.

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).

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; Date=MM/DD/YY

Nicol Rodriguez, Quality Manager

Aaron Judice, Technical Manager

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 Thermometers change little, if any at all, but can be affected by aging, temperature, shock, and contamination.

Recalibration:

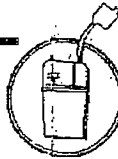
For factory calibration and re-certification traceable to National Institute of Standards and Technology contact Control Company.

CONTROL COMPANY 4455 Rex Road Friendswood, TX 77546 USA
Phone 281 482-1714 Fax 281 482-9448 service@control3.com www.control3.com

Control Company is an ISO 17025:2005 Calibration Laboratory Accredited by (A2LA) American Association for Laboratory Accreditation, Certificate No. 1750.01.
Control Company is ISO 9001:2008 Quality Certified by (DNV) Det Norske Veritas, Certificate No. CERT-01805-2006-AQ-HOU-RvA.
International Laboratory Accreditation Cooperation (ILAC) - Multilateral Recognition Arrangement (MRA).

Item 7 of 19

ARWF-0394



Dräger

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 Safety Diagnostics, Inc.

- Model: ALCOTEST® CU34
- Model: MARK IIA
- Other: _____

Serial Number:

DOWE53-0206

Certification Date

09-29-16

Technician

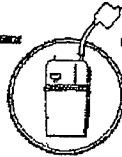
RPB

Re-Certification Due Date

09-29-17

Item 8 of 19

ARWF-0394



Dräger

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 Safety Diagnostics, Inc.

- Model: ALCOTEST® CU34
- Model: MARK IIA
- Other: _____

Serial Number:

DDWFS3-0218

Certification Date

9-28-16

Technician

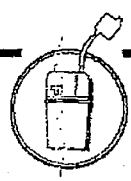
72

Re-Certification Due Date

9-28-17

Item 9 of 19

ARWF-0394



Dräger

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)

Dräger Safety Diagnostics, Inc.

- Model: ALCOTEST® CU34
- Model: MARK IIA
- Other: _____

Serial Number:

DDWJ53-0334

Certification Date

09-27-16

Technician

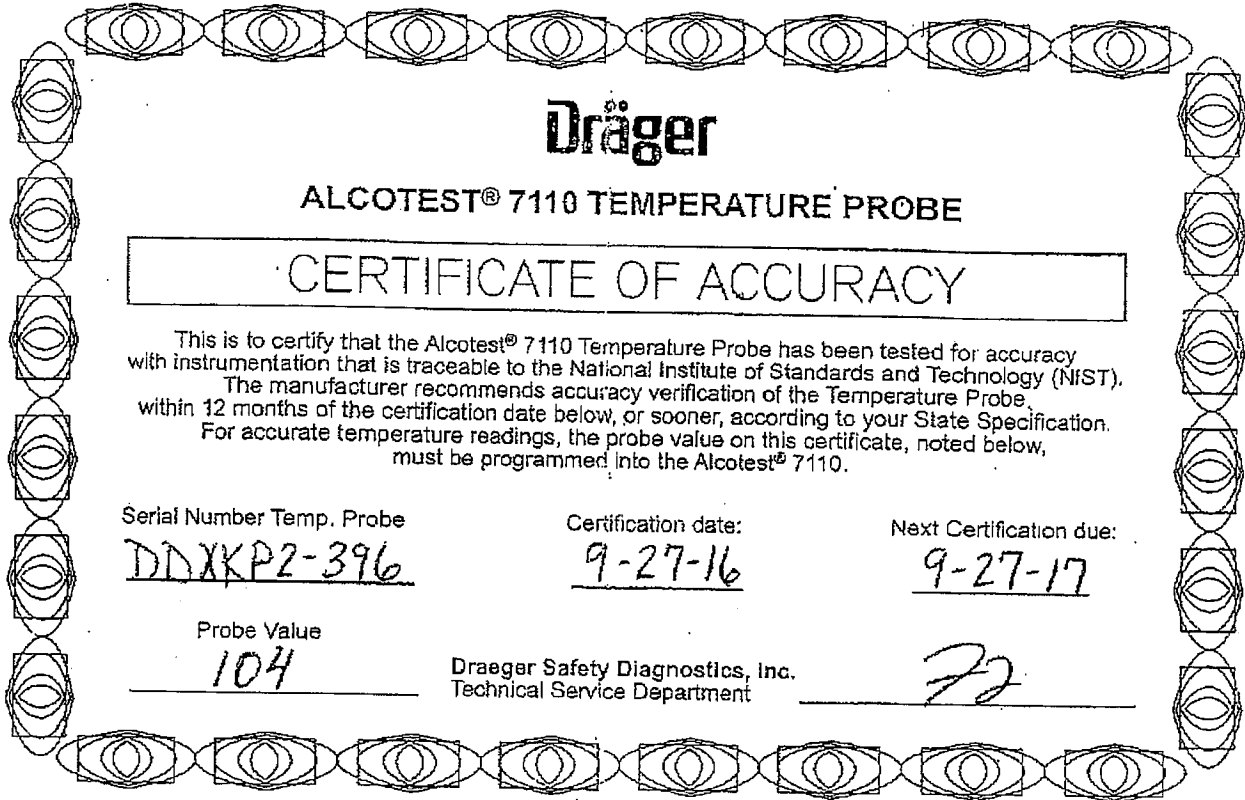
[Signature]

Re-Certification Due Date

09-27-17

item 10 of 19

ARWF-0394



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 Specification. 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>DDXKP2-396</u>	<u>9-27-16</u>	<u>9-27-17</u>
Probe Value	Dräger Safety Diagnostics, Inc. Technical Service Department	
<u>104</u>	<u>72</u>	

Item 11 of 19

ARWF-0394

Dräger

Alcotest® 7110 MKIII-C

CERTIFICATE OF ACCURACY

This is to certify that the Alcotest 7110 MKIII-C 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 58 FR 48705. The manufacturer recommends accuracy verification of this instrument within 12 months of the calibration date below, or sooner, according to your State Specifications.

Certification Date:

10-11-16

SERIAL NUMBER:

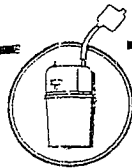
ARWF-0394

Draeger Safety Diagnostics, Inc.

BC

Item 12 of 19

ARWF-0394



Dräger

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 Safety Diagnostics, Inc.

- Model: ALCOTEST® CU34
- Model: MARK IIA
- Other: _____

Serial Number:

DDAN-0040

Certification Date

7-13-16

Technician

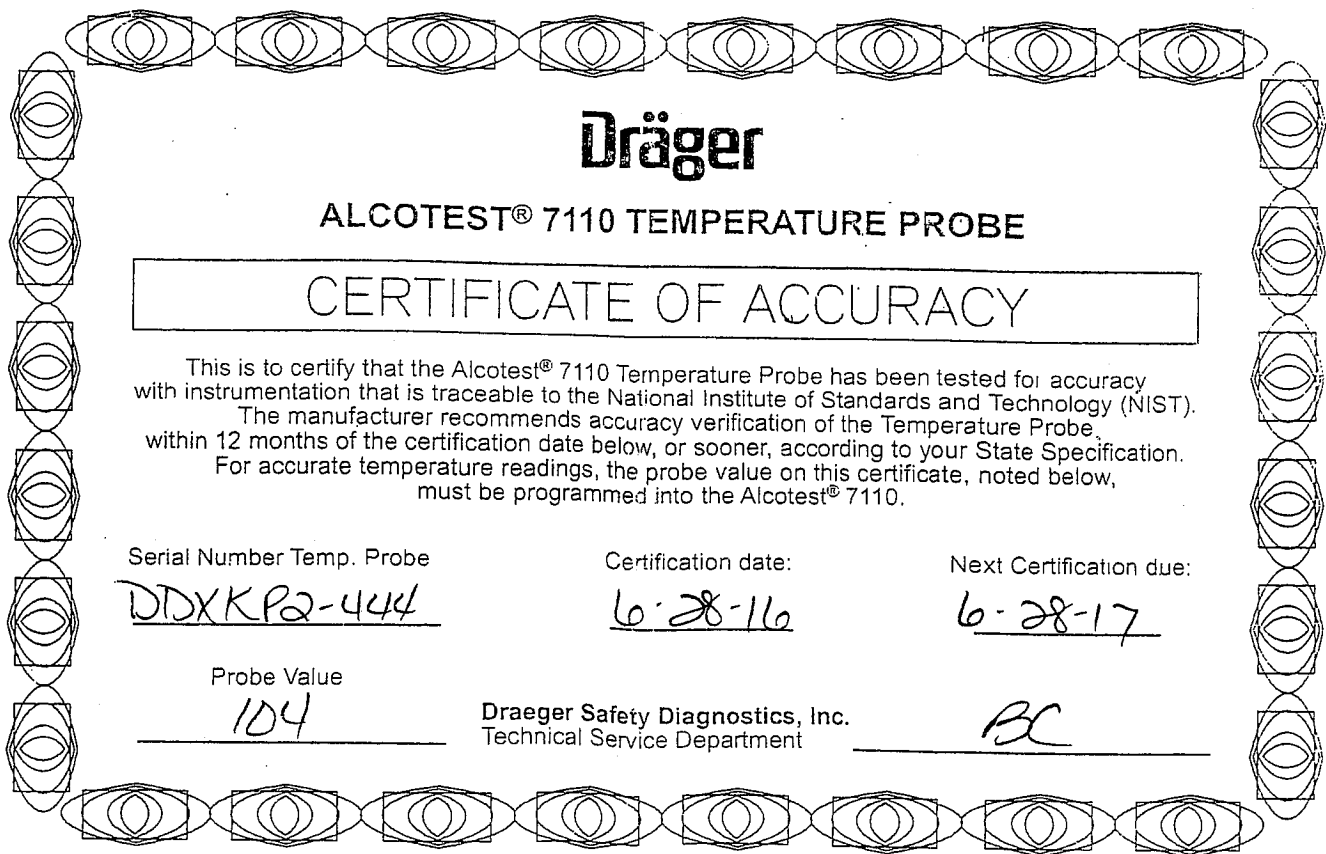
72

Re-Certification Due Date

7-13-17

Item 13 of 19

ARWF-0394



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 Specification. For accurate temperature readings, the probe value on this certificate, noted below, must be programmed into the Alcotest® 7110.

Serial Number Temp. Probe

DTXK P2-444

Certification date:

6-28-16

Next Certification due:

6-28-17

Probe Value

104

Dräger Safety Diagnostics, Inc.
Technical Service Department

BC

Item 14 of 19

ARWF-0394

Alcotest 7110 Calibration Record

Equipment

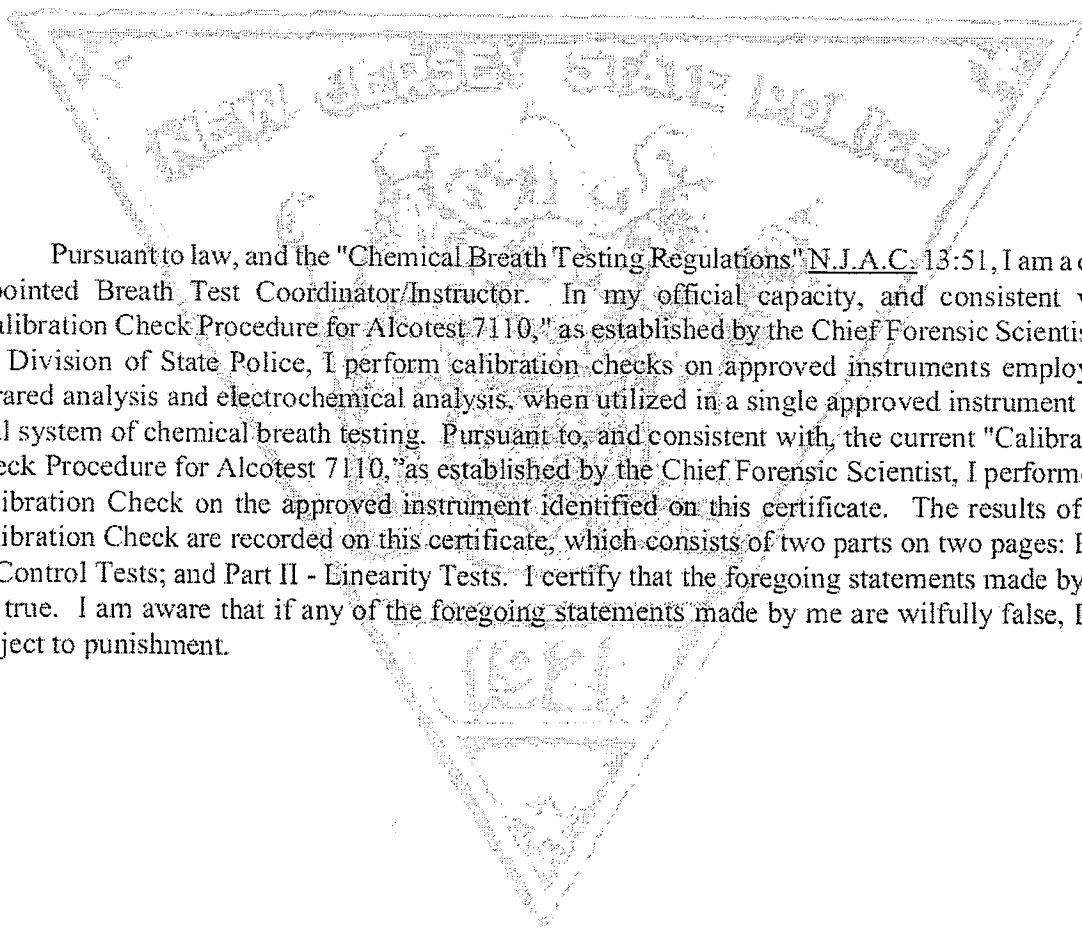
Alcotest 7110 MKIII-C	Serial No.:	ARWF-0394
Location: TOMS RIVER P.D.		
Calibration File No.: 01482	Calib. Date: 11/04/2016	Calib. No.: 00036
Certification File No.: 01478	Cert. Date: 08/24/2016	Cert. No.: 00025
Linearity File No.: 01479	Lin. Date: 08/24/2016	Lin. No.: 00025
Solution File No.: 01481	Soln. Date: 10/11/2016	Soln. No.: 00227
Sequential File No.: 01482	File Date: 11/04/2016	
Calibrating Unit: WET	Model No.: CU-34	Serial No.: DDAN-0040
Control Solution %: 0.100%		Expires: 09/07/2018
Solution Control Lot: 16220		Bottle No.: 0193

Coordinator

Last Name: ALCOTT	First Name: KEVIN	MI: W.
Signature: <u>Tr. I R W. q #6704</u>	Badge No.: 6704	Date: 11/04/2016

*Black Key Temperature Probe Serial.....# ΔΔXKPZ - 396 (KA)

*Digital NIST Temperature Measuring System Serial.....# 150 649 672 (KA)



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.

Item 15 of 19

Alcotest 7110 Calibration Certificate

ARWF-0394

Part I - Control Tests

Equipment

Alcotest 7110 MKIII-C
 Location: TOMS RIVER P.D.
 Calibration File No.: 01482
 Certification File No.: 01483
 Linearity File No.: 01479
 Solution File No.: 01481
 Sequential File No.: 01483

Serial No.: ARWF-0394

Calib. Date: 11/04/2016
 Cert. Date: 11/04/2016
 Lin. Date: 08/24/2016
 Soln. Date: 10/11/2016
 File Date: 11/04/2016

Calib. No.: 00036
 Cert. No.: 00026
 Lin. No.: 00025
 Soln. No.: 00227

Calibrating Unit: WET
 Control Solution %: 0.100%
 Solution Control Lot: 16220

Model No.: CU-34

Serial No.: DDAN-0040
 Expires: 09/07/2018
 Bottle No.: 0193

Function	Result	Time	Temperature	Comment(s)
	%BAC	HH:MM	Simulator (°C)	or Error(s)
Ambient Air Blank	0.000%	06:49S	07:49 Δ KA	
Control 1 EC	0.098%	06:49S	34.0°C	*** TEST PASSED ***
Control 1 IR	0.099%	06:49S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	06:50S		
Control 2 EC	0.098%	06:50S	34.0°C	*** TEST PASSED ***
Control 2 IR	0.099%	06:50S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	06:51S		
Control 3 EC	0.099%	06:52S	33.9°C	*** TEST PASSED ***
Control 3 IR	0.100%	06:52S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	06:52S	07:52 Δ KA	

All tests within acceptable tolerance.

Coordinator

Last Name: ALCOTT

First Name: KEVIN

MI: W.

Signature: Tpr. I K W #6704

Badge No.: 6704

Date: 11/04/2016

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.

Item 16 of 19

Alcotest 7110 Calibration Certificate

ARWF-0394

Part II - Linearity Tests

Equipment

Alcotest 7110 MKIII-C
 Location: TOMS RIVER P.D.
 Calibration File No.: 01482
 Certification File No.: 01483
 Linearity File No.: 01484
 Solution File No.: 01481
 Sequential File No.: 01484

Serial No.: ARWF-0394

Calib. Date: 11/04/2016
 Cert. Date: 11/04/2016
 Lin. Date: 11/04/2016
 Soln. Date: 10/11/2016
 File Date: 11/04/2016

Calib. No.: 00036
 Cert. No.: 00026
 Lin. No.: 00026
 Soln. No.: 00227

Calibrating Unit: WET
 Control Solution %: 0.040%
 Solution Control Lot: 16230

Model No.: CU-34

Serial No.: DDWE S3-0206
 Expires: 09/19/2018
 Bottle No.: 1278

Calibrating Unit: WET
 Control Solution %: 0.080%
 Solution Control Lot: 16250

Model No.: CU-34

Serial No.: DDWF S3-0218
 Expires: 09/27/2018
 Bottle No.: 0620

Calibrating Unit: WET
 Control Solution %: 0.160%
 Solution Control Lot: 16260

Model No.: CU-34

Serial No.: DDWJ S3-0334
 Expires: 10/03/2018
 Bottle No.: 1334

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	07:12S	08:12 Δ KA	
Control 1 EC	0.040%	07:12S	34.0°C	*** TEST PASSED ***
Control 1 IR	0.040%	07:12S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	07:14S		
Control 2 EC	0.040%	07:14S	34.0°C	*** TEST PASSED ***
Control 2 IR	0.040%	07:14S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	07:16S		
Control 3 EC	0.079%	07:17S	34.0°C	*** TEST PASSED ***
Control 3 IR	0.081%	07:17S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	07:18S		
Control 4 EC	0.080%	07:19S	34.0°C	*** TEST PASSED ***
Control 4 IR	0.079%	07:19S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	07:20S		
Control 5 EC	0.158%	07:21S	34.0°C	*** TEST PASSED ***
Control 5 IR	0.161%	07:21S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	07:22S		
Control 6 EC	0.158%	07:23S	34.0°C	*** TEST PASSED ***
Control 6 IR	0.160%	07:23S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	07:24S	08:24 Δ KA	

All tests within acceptable tolerance.

Coordinator

Last Name: ALCOTT

First Name: KEVIN

MI: W.

Signature: Tr. I R W. #6704

Badge No.: 6704

Date: 11/04/2016

Item 17 of 19

Calibrating Unit New Standard Solution Report

Sol # 228

11/4/16

Equipment	Alcotest 7110 MKIII-C	Serial No.:	ARWF-0394
Location:	TOMS RIVER P.D.	Calib. Date:	11/04/2016
Calibration File No.:	01482	Cert. Date:	11/04/2016
Certification File No.:	01483	Lin. Date:	11/04/2016
Linearity File No.:	01484	Soln. Date:	11/04/2016
Solution File No.:	01485	File Date:	11/04/2016
Sequential File No.:	01485		
Calibrating Unit:	WET	Model No.:	CU-34
Control Solution %:	0.100%	Serial No.:	DDAN-0040
Solution Control Lot:	16140	Expires:	06/07/2018
		Bottle No.:	0042

Function	Result	Time	Temperature	Comment(s)
	%BAC	HH:MM	Simulator (°C)	or Error(s)
Ambient Air Blank	0.000%	08:35S	09:35 Δ KA	
Control 1 EC	0.099%	08:36S	33.9°C	*** TEST PASSED ***
Control 1 IR	0.099%	08:36S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	08:36S		
Control 2 EC	0.099%	08:37S	33.9°C	*** TEST PASSED ***
Control 2 IR	0.098%	08:37S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	08:38S		
Control 3 EC	0.098%	08:38S	33.9°C	*** TEST PASSED ***
Control 3 IR	0.099%	08:38S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	08:39S	09:39 Δ KA	

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: ΔΔXKPZ-444 (KA)

Changed By:

Last Name: ALCOTT

First Name: KEVIN

MI: W.

Signature: Tr. I K W. G #6704

Badge No.: 6704

Date: 11/04/2016

Item 18 of 19

ARWF-0394



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

CHRIS CHRISTIE
Governor

KIM GUADAGNO
Lt. Governor

CHRISTOPHER S. PORRINO
Acting Attorney General

COLONEL JOSEPH R. PUENTES
Superintendent

CERTIFICATION OF ANALYSIS
0.10 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 Safety, Inc.

ANALYSIS DATE: 06/27/2016

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 16140

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 0.1212 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 07, 2018.

As Research 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.

Ali M. Alaoui, Ph.D.
Research Scientist
NJSP Office of Forensic Sciences

Sworn to and subscribed before me this 28th day of June, 2016.

Mary E. McLaughlin
Notary

MARY ELIZABETH MCLAUGHLIN

ID # 2052190
NOTARY PUBLIC
STATE OF NEW JERSEY
My Commission Expires Dec. 24, 2018



"An Internationally Accredited Agency"

New Jersey Is An Equal Opportunity Employer
Printed on Recycled Paper and Recyclable



Item 19 of 19

ARWF-0394

DEPARTMENT OF
Math and Public Safety
This is to certify that

Guy E. Mann
Dover 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 MKIII-C**

A METHOD TO DETERMINE INTOXICATION
GIVEN UNDER MY HAND AT TRENTON, NEW JERSEY THIS 23rd DAY OF November

TWO THOUSAND AND Five

[Signature] SUPERINTENDENT
NEW JERSEY STATE POLICE

[Signature] ATTORNEY GENERAL
STATE OF NEW JERSEY

ORIGINAL COURSE DATES

DATE	Refresher Course PLACE	INSTRUCTOR
1. 11/29/08	OCPA	<i>[Signature]</i>
2. 7-14-09	OCPA	<i>[Signature]</i>
3. 2-22-11	OCPA	Wm Linn
4. 1-27-13	OCPA	Wm Linn
5. 3/4/15	OCPA	Adam Standa
6.		
7.		
8.		
9.		

S.P. 293B (Rev. 06/03)

DEPARTMENT OF
Math and Public Safety
This is to certify that

Timothy M. Sysoj
Dover 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 MKIII-C**

A METHOD TO DETERMINE INTOXICATION
GIVEN UNDER MY HAND AT TRENTON, NEW JERSEY THIS 7th DAY OF December

TWO THOUSAND AND Five

[Signature] SUPERINTENDENT
NEW JERSEY STATE POLICE

[Signature] ATTORNEY GENERAL
STATE OF NEW JERSEY

ORIGINAL COURSE DATES

DATE	Refresher Course PLACE	INSTRUCTOR
1. 12-10-07	OCPA	Wm Linn
2. 7-30-09	OCPA	Wm Linn
3. 1-31-11	OCPA	Wm Linn
4. 1-22-13	OCPA	Wm Linn
5. 2-4-15	OCPA	Wm Linn
6.		
7.		
8.		
9.		

S.P. 293B (Rev. 06/03)

DEPARTMENT OF
Math and Public Safety
This is to certify that

Kenneth J. Thomas Jr.
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 MKIII-C**

A METHOD TO DETERMINE INTOXICATION
GIVEN UNDER MY HAND AT TRENTON, NEW JERSEY THIS 3rd DAY OF September

TWO THOUSAND AND Nine

[Signature] SUPERINTENDENT
NEW JERSEY STATE POLICE

[Signature] ATTORNEY GENERAL
STATE OF NEW JERSEY

ORIGINAL COURSE DATES

DATE	Refresher Course PLACE	INSTRUCTOR
1. 1-18-11	OCPA	Wm Linn
2. 1-22-13	OCPA	Wm Linn
3. 2-4-15	OCPA	Wm Linn
4.		
5.		
6.		
7.		
8.		
9.		

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

DEPARTMENT OF
Math and Public Safety
This is to certify that

Christopher W. Anderson
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 13th DAY OF November

TWO THOUSAND AND Seven

[Signature] SUPERINTENDENT
NEW JERSEY STATE POLICE

[Signature] ATTORNEY GENERAL
STATE OF NEW JERSEY

ORIGINAL COURSE DATES 11-28-2005

DATE	Refresher Course PLACE	INSTRUCTOR
1. 11/28/05	OCPA	<i>[Signature]</i>
2. 12/1/09	OCPA	<i>[Signature]</i>
3. 1-3-11	OCPA	Wm Linn
4. 9/4/13	OCPA	Adam Standa
5. 1-20-15	OCPA	Wm Linn
6.		
7.		
8.		
9.		

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

Item 19 of 19

ARWF 0394

DEPARTMENT OF
Traffic 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.		
4.		
5.		
6.		
7.		
8.		
9.		

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

DEPARTMENT OF
Traffic and Public Safety
This is to certify that

Robert Westfall
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 MKIII-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	OLCPA	Adam Stankis
3. 1-29-13	OLCPA	Wm Cross
4. 3-2-15	OLCPA	Wm Cross
5.		
6.		
7.		
8.		
9.		

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

DEPARTMENT OF
Traffic and Public Safety
This is to certify that

Adam M. Koepfen
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 MKIII-C
A METHOD TO DETERMINE INTOXICATION.
GIVEN UNDER MY HAND AT TRENTON, NEW JERSEY, THIS 11th 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	OLCPA	Adam Stankis
2. 1-22-15	OLCPA	Wm Cross
3.		
4.		
5.		
6.		
7.		
8.		
9.		

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