

ALCOTEST CERTIFICATIONS INDEX

12-14-16

(1-6-2017 = ADDEMDUM)

ARAJ-0075

- 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 # ARAJ-0075
- ITEM # 12 - TRPD ALCOTEST CU34 SERIAL # DDAN-0041
(1/6/17 ADDENDUM = DDWK53-0386)
- ITEM # 13 - TRPD ALCOTEST TEMP PROBE SERIAL # DDXKP2-436
(1/6/17 ADDENDUM = DDWJPL-025)
- 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
(1/6/17 ADDENDUM = SOLUTION # 230)
- ITEM # 18 - CERTIFICATE OF ANALYSIS SIMULATOR SOLUTION (16140)
- ITEM # 19 - ALCOTEST CARDS/SOLUTION CHANGE OPERATOR (2PGS.)

Item 1 of 19

ARAJ-0075

DEPARTMENT OF
Auto and Public Safety
 This is to certify that

Kevin W. Alcott
 Breath Test Coordinator/Instructor
 IS QUALIFIED AND COMPETENT TO CONDUCT GASEOUS BREATH ANALYSIS 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 21st DAY OF May
 TWO THOUSAND AND Fifteen

[Signature]
 SUPERINTENDENT
 NEW JERSEY STATE POLICE

[Signature]
 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. 2298 (Rev. 08/13)

DEPARTMENT OF
Auto and Public Safety
 This is to certify that

KEVIN W. ALCOTT
 NEW JERSEY STATE POLICE
 IS QUALIFIED AND COMPETENT TO CONDUCT GASEOUS BREATH ANALYSIS 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 18th DAY OF APRIL
 TWO THOUSAND AND EIGHT

[Signature]
 SUPERINTENDENT
 NEW JERSEY STATE POLICE

[Signature]
 ATTORNEY GENERAL
 STATE OF NEW JERSEY

ORIGINAL COURSE DATES

DATE	Refresher Course PLACE	INSTRUCTOR
1.	8-25-10	BCPA R. Fox
2.	1-12-12	BEAUGON LODA C.D.
3.	1-16-14	SAYREVILLE PA R. Fox
4.	1/21/16	Lakehurst Wm Stander
5.		
6.		
7.		
8.		
9.		

S.P. 2298 (Rev. 07/07)

Item 2 of 19

AKJ-0075



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. FURNIBES
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: Dräger Safety, Inc.

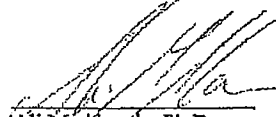
ANALYSIS DATE: 09/19/2016

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 16220

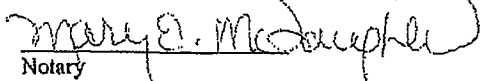
Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1202 to 0.1207 grams per 100 milliliters of solution.

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. Alaoui, 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



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Item 3 of 19

ARAJ-0075



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 08623-0068
(609) 882-2000

CHRIS CHRISTIE
Governor

KIM GUADAGNO
Lt. Governor

CHRISTOPHER S. PORRINO
Attorney General

COLONEL JOSEPH R. FUENTES
Superintendent

CERTIFICATION OF ANALYSIS
0.04 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: Dräger Safety, Inc.

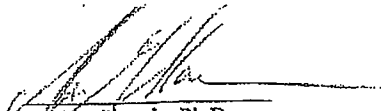
ANALYSIS DATE: 09/27/2016

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 16230

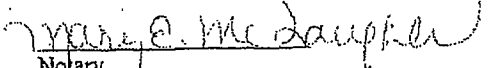
Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.0484 to 0.0492 grams per 100 milliliters of solution.

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.


Ali 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



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Item 4 of 19

ARRAJ-0075



State of New Jersey

OFFICE OF THE ATTORNEY GENERAL
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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. FUENTES
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: Dräger Safety, Inc.

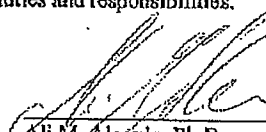
ANALYSIS DATE: 10/04/2016

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 16250

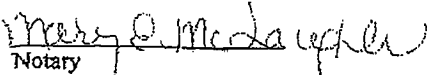
Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.0965 to 0.0975 grams per 100 milliliters of solution.

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. Alaoui, 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 # 2052180
NOTARY PUBLIC
STATE OF NEW JERSEY
My Commission Expires Dec. 24, 2018



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Item 5 of 19

ARA J - 0075



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. 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: Dräger 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



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Item 6 of 19

ARAJ-0075



Calibration
Certificate No. 1750.01

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



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:

Description	Serial Number	Due Date	NIST Traceable Reference
Temperature Calibration Bath TC-256	B01375		
Temperature Probe	128	4/02/16	15-A0P2S-40-1
Thermistor Module	A17118	3/03/16	1000371058
Temperature Calibration Bath TC-179	A45240		
Thermistor Module	A17118	3/03/16	1000371058
Temperature Probe	3039	4/02/16	15-A0P2S-20-1
Temperature Calibration Bath TC-231	A79341		
Thermistor Module	A27129	11/04/15	1000365407
Temperature Probe	5202	11/19/16	6-CV9Y2-1-1
Temperature Calibration Bath TC-309	B3A444		
Thermistor Module	A27129	11/04/15	1000365407
Temperature Probe	5267	11/19/16	6-CV9Y0-1-1

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)

Unit(s)	Nominal	As Found	In Tol	Nominal	As Left	In Tol	Min	Max	±U	TUR
°C		N.A.		0.001	0.000	Y	-0.049	0.051	0.013	3.8:1
°C		N.A.		25.000	25.003	Y	24.950	25.050	0.014	3.6:1
°C		N.A.		50.004	50.000	Y	49.954	50.054	0.014	3.6:1
°C		N.A.		100.002	99.999	Y	99.952	100.052	0.014	3.6:1

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). 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; Date=MM/DD/YY

Nicol Rodriguez
Nicol Rodriguez, Quality Manager

Aaron Judice
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:

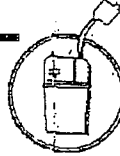
For factory calibration and re-certification traceable to National Institute of Standards and Technology contact Control Company.

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-01805-2005-AQ-HOU-RVA.
International Laboratory Accreditation Cooperation (ILAC) - Multilateral Recognition Arrangement (MRA).

Item 7 of 19

ARAJ-0075



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:

DOWES3-0206

Certification Date

09-29-16

Technician

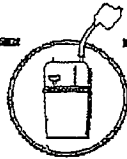
[Signature]

Re-Certification Due Date

09-29-17

Item 8 of 19

ARAJ-0075



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 II A

Other: _____

Serial Number:

DDWFS3-0218

Certification Date

9-28-16

Technician

72

Re-Certification Due Date

9-28-17

Item 9 of 19

PARAJ-0075



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:

DDWJ53-0334

Certification Date

09-27-16

Technician

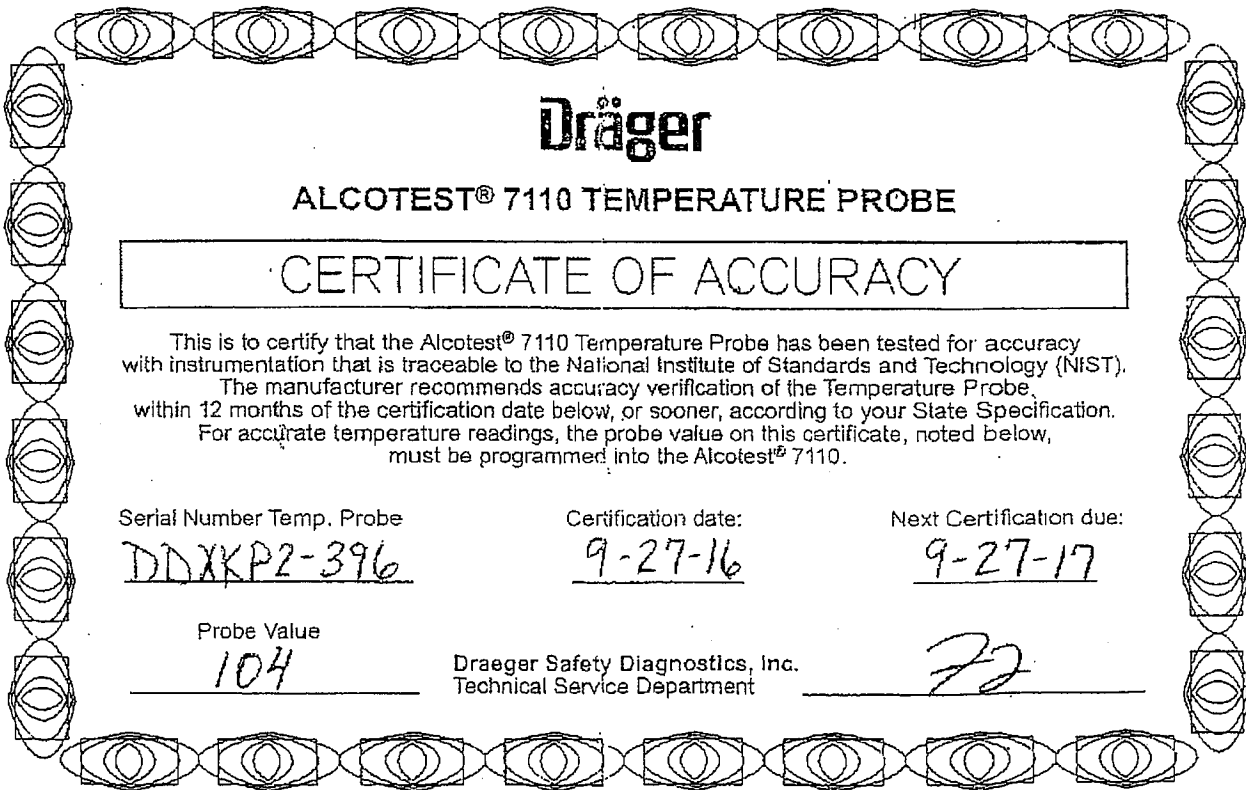
PAJ

Re-Certification Due Date

09-27-17

Item 10 of 19

PARAJ-0075



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
DDXKP2-396

Certification date:
9-27-16

Next Certification due:
9-27-17

Probe Value
104

Dräger Safety Diagnostics, Inc.
Technical Service Department

72

Item 11 of 19

ARAJ-0075



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:

9-30-16

SERIAL NUMBER:

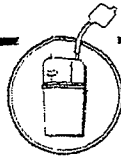
ARAJ-0075

Draeger Safety Diagnostics, Inc.

BC

Item 12 of 19

ARAJ-0075



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-0041

Certification Date

7-13-16

Technician

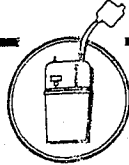
72

Re-Certification Due Date

7-13-17

ITEM 12 Addendum
1-6-17

ARAI-0075



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:

DDWK53-0386

Certification Date

12-15-16

Technician

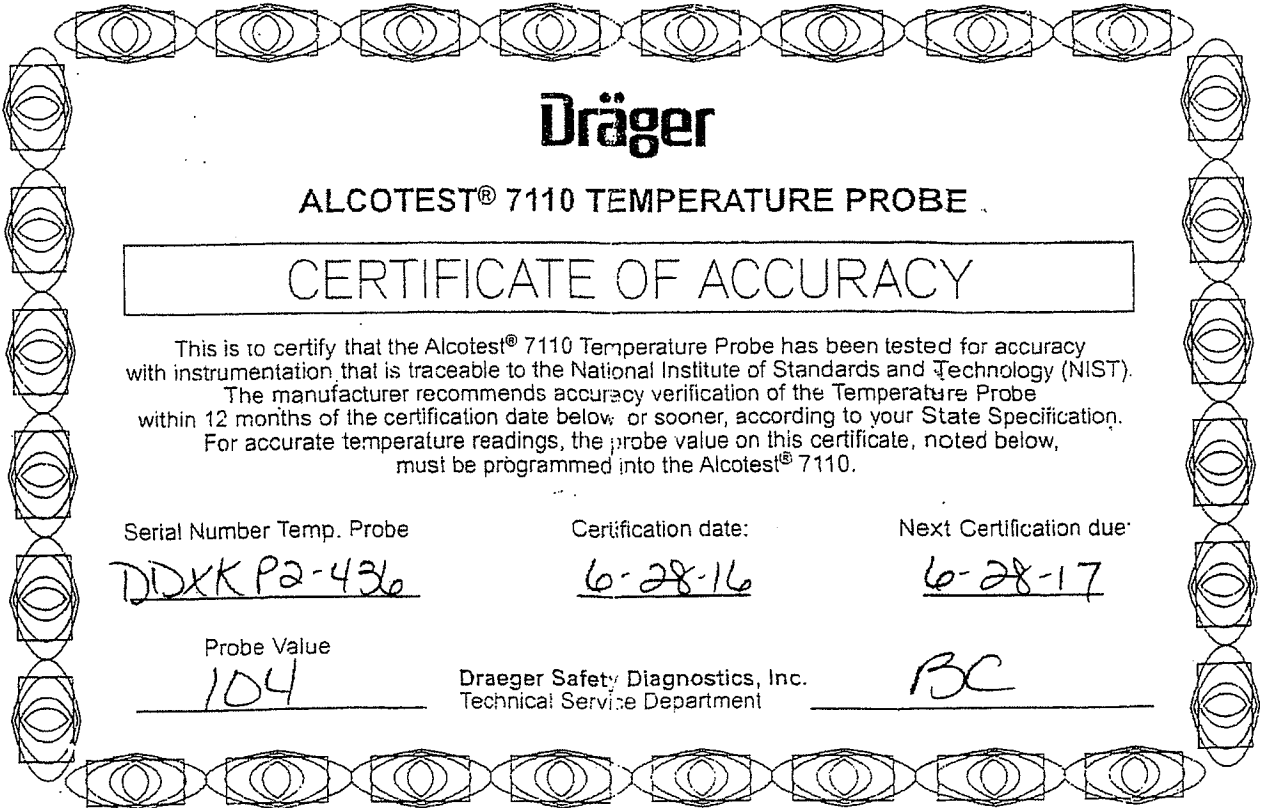
VAG

Re-Certification Due Date

12-15-17

Ham 13 of 19

ARAJ-0075



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

DDXK P2-436

Certification date:

6-28-16

Next Certification due:

6-28-17

Probe Value

104

Draeger Safety Diagnostics, Inc.
Technical Service Department

BC

ITEM 13. ADDENDUM
1-6-17

ARAJ-0075

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

DDW3PL-025

Certification date:

12-15-16

Next Certification due:

12-15-17

Probe Value

102

Draeger Safety Diagnostics, Inc.
Technical Service Department

VAG

Item 15 of 19

ARAJ 0075

Alcotest 7110 Calibration Certificate

Part I - Control Tests

Equipment	Alcotest 7110 MKIII-C	Serial No.:	ARAJ-0075
Location:	TOMS RIVER P.D.		
Calibration File No.:	01985	Calib. Date:	12/14/2016
Certification File No.:	01986	Cert. Date:	12/14/2016
Linearity File No.:	01936	Lin. Date:	10/14/2016
Solution File No.:	01984	Soln. Date:	12/11/2016
Sequential File No.:	01986	File Date:	12/14/2016
Calibrating Unit:	WET	Model No.:	CU-34
Control Solution %:	0.100%	Serial No.:	DDAN-0041
Solution Control Lot:	16220	Expires:	09/07/2018
		Bottle No.:	0074

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	08:44S		
Control 1 EC	0.100%	08:44S	34.0°C	*** TEST PASSED ***
Control 1 IR	0.098%	08:44S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	08:45S		
Control 2 EC	0.098%	08:46S	34.0°C	*** TEST PASSED ***
Control 2 IR	0.098%	08:46S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	08:47S		
Control 3 EC	0.097%	08:47S	34.0°C	*** TEST PASSED ***
Control 3 IR	0.098%	08:47S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	08:48S		

All tests within acceptable tolerance.

Coordinator

Last Name: ALCOTT

First Name: KEVIN

MI: W.

Badge No.: 6704

Date: 12/14/2016

Signature: Tpr. I K W. A #6704

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

ARAJ-0075

Alcotest 7110 Calibration Certificate

Part II - Linearity Tests

Equipment	Alcotest 7110 MKIII-C	Serial No.:	ARAJ-0075
Location:	TOMS RIVER P.D.	Calib. Date:	12/14/2016
Calibration File No.:	01985	Calib. No.:	00024
Certification File No.:	01986	Cert. Date:	12/14/2016
Linearity File No.:	01987	Lin. Date:	12/14/2016
Solution File No.:	01984	Soln. Date:	12/11/2016
Sequential File No.:	01987	File Date:	12/14/2016
Calibrating Unit:	WET	Model No.:	CU-34
Control Solution %:	0.040%	Serial No.:	DDWE S3-0206
Solution Control Lot:	16230	Expires:	09/19/2018
		Bottle No.:	1296
Calibrating Unit:	WET	Model No.:	CU-34
Control Solution %:	0.080%	Serial No.:	DDWF S3-0218
Solution Control Lot:	16250	Expires:	09/27/2018
		Bottle No.:	0624
Calibrating Unit:	WET	Model No.:	CU-34
Control Solution %:	0.160%	Serial No.:	DDWJ S3-0334
Solution Control Lot:	16260	Expires:	10/03/2018
		Bottle No.:	1027

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	09:09S		
Control 1 EC	0.042%	09:10S	34.1°C	*** TEST PASSED ***
Control 1 IR	0.040%	09:10S	34.1°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:11S		
Control 2 EC	0.041%	09:12S	34.1°C	*** TEST PASSED ***
Control 2 IR	0.040%	09:12S	34.1°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:14S		
Control 3 EC	0.082%	09:14S	34.0°C	*** TEST PASSED ***
Control 3 IR	0.080%	09:14S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:16S		
Control 4 EC	0.081%	09:16S	34.0°C	*** TEST PASSED ***
Control 4 IR	0.079%	09:16S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:18S		
Control 5 EC	0.161%	09:19S	34.0°C	*** TEST PASSED ***
Control 5 IR	0.159%	09:19S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:20S		
Control 6 EC	0.162%	09:21S	34.0°C	*** TEST PASSED ***
Control 6 IR	0.161%	09:21S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:23S		

All tests within acceptable tolerance.

Coordinator

Last Name: ALCOTT

First Name: KEVIN

MI: W.

Signature: Tpt. I K W. G #6704

Badge No.: 6704

Date: 12/14/2016

Item 17 of 19

ARAJ-0075
Sol # 227

Calibrating Unit New Standard Solution Report

Equipment Alcotest 7110 MKIII-C Serial No.: ARAJ-0075
 Location: TOMS RIVER P.D.
 Calibration File No.: 01985 Calib. Date: 12/14/2016 Calib. No.: 00024
 Certification File No.: 01986 Cert. Date: 12/14/2016 Cert. No.: 00017
 Linearity File No.: 01987 Lin. Date: 12/14/2016 Lin. No.: 00017
 Solution File No.: 01988 Soln. Date: 12/14/2016 Soln. No.: 00227
 Sequential File No.: 01988 File Date: 12/14/2016

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDAN-0041
 Control Solution %: 0.100% Expires: 06/07/2018
 Solution Control Lot: 16140 Bottle No.: 1384

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	10:32S		
Control 1 EC	0.100%	10:33S	34.0°C	*** TEST PASSED ***
Control 1 IR	0.099%	10:33S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:34S		
Control 2 EC	0.099%	10:34S	34.0°C	*** TEST PASSED ***
Control 2 IR	0.100%	10:34S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:35S		
Control 3 EC	0.099%	10:36S	34.0°C	*** TEST PASSED ***
Control 3 IR	0.098%	10:36S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:36S		

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: AXK PZ-436 (KA)

Changed By:

Last Name: ALCOTT First Name: KEVIN MI: W.

Signature: TP. I K W. Q #6704 Badge No.: 6704 Date: 12/14/2016

ITEM 17 ADDENDUM
1-6-17

Calibrating Unit New Standard Solution Report

ARAJ-0075

Equipment Alcotest 7110 MKIII-C
Location: TOMS RIVER P.D.
Calibration File No.: 01985
Certification File No.: 01986
Linearity File No.: 01987
Solution File No.: 02004
Sequential File No.: 02004

Serial No.: ARAJ-0075
Calib. No.: 00024
Cert. No.: 00017
Lin. No.: 00017
Soln. No.: 00230
File Date: 01/06/2017

SOL # 230
1-6-17

Calibrating Unit: WET
Control Solution %: 0.100%
Solution Control Lot: 16140

Model No.: CU-34

Serial No.: DDWK S3-0386
Expires: 06/07/2018
Bottle No.: 1470

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	13:09S		
Control 1 EC	0.100%	13:10S	34.0°C	*** TEST PASSED ***
Control 1 IR	0.101%	13:10S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:11S		
Control 2 EC	0.099%	13:11S	34.0°C	*** TEST PASSED ***
Control 2 IR	0.101%	13:11S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:12S		
Control 3 EC	0.100%	13:12S	34.0°C	*** TEST PASSED ***
Control 3 IR	0.101%	13:12S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:13S		

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: DDWJPZ-025 (KA)

Changed By:

Last Name: ALCOTT

First Name: KEVIN

MI: W.

Signature: TPF. I K W. Q #6704

Badge No.: 6704

Date: 01/06/2017

item 18 of 19

ARAJ-0075



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. FUENTES
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.

Notary
MARY ELIZABETH MCLAUGHLIN

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



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Printed on Recycled Paper and Recyclable



Item 19 of 19

ARRAJ-0075

DEPARTMENT OF
Traffic and Public Safety
This is to certify that

Guy E. Malra
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
11/26/07	OCPA	Adam Standa
7-4-09	OCPA	WM Linn
2-22-11	OCPA	WM Linn
1-22-13	OCPA	WM Linn
3/4/15	OCPA	Adam Standa
6.		
7.		
8.		
9.		

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

DEPARTMENT OF
Traffic and Public Safety
This is to certify that

Timothy M. Sysol
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
11-10-07	OCPA	WM Linn
7-30-09	OCPA	WM Linn
1-31-11	OCPA	WM Linn
1-22-13	OCPA	WM Linn
2-4-15	OCPA	WM Linn
6.		
7.		
8.		
9.		

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

DEPARTMENT OF
Traffic 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
1-18-11	OCPA	WM Linn
1-22-13	OCPA	WM Linn
2-4-15	OCPA	WM Linn
4.		
5.		
6.		
7.		
8.		
9.		

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

DEPARTMENT OF
Traffic 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
11/26/07	OCPA	Adam Standa
12/4/09	OCPA	Adam Standa
1-3-11	OCPA	WM Linn
9/4/13	OCPA	Adam Standa
1-20-15	OCPA	WM Linn
1.		
2.		
3.		

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

item 19 of 19

ARAJ-0075

DEPARTMENT OF
Law 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 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	Carl Cross
3.		
4.		
5.		
6.		
7.		
8.		
9.		

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

DEPARTMENT OF
Law 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 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	Wimbush
4. 3-2-15	OLCPA	W M Cross
5.		
6.		
7.		
8.		
9.		

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

DEPARTMENT OF
Law and Public Safety
This is to certify that

Adam M. Koeppen
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 METHOD TO DETERMINE INTOXICATION GIVEN UNDER MY HAND AT TRENTON, NEW JERSEY, THIS 31st 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	Wimbush
3.		
4.		
5.		
6.		
7.		
8.		
9.		

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