

ALCOTEST CHECKLIST

Municipality: FRANKLIN TWP. Alcotest Ser. #: ARWA-0186

County: GLoucester Date of Calibration: 05-27-2014

1. **Certificate of Accuracy Alcotest 7110 MKIII-C** from Draeger Safety for instrument used in the A.I.R.

2. **Certificate of Accuracy CU34 Unit** on Alcotest Instrument used.
Ser. #: DDWH 53-0286

3. **Certificate of Accuracy Alcotest 7110 Temperature Probe** from Draeger Safety for instrument in A.I.R. or equivalent.
Ser. #: DDWA P2-018

4. **Digital Temperature Measuring System Report of Calibration.**
Ser. #: 130 754751

5. A. Alcotest 7110 Calibration Record
 B. Alcotest 7110 Calibration Certificate **Part I - Control Tests.**
 C. Alcotest 7110 Calibration Certificate **Part II - Linearity Tests.**
 D. **Alcotest Card** of operator/coordinator who performed tests.
 E. **Certificate of Accuracy Alcotest 7110 Temperature Probe** from Draeger Safety used in the Calibration Tests ["Black Key" probe of Breath Test Coordinator].
Ser. #: DDLH P1-0073

6. **Certificates of Analysis** for each **Simulator Solution** used in Calibration/Linearity Tests:

<input checked="" type="checkbox"/> A.	0.04% Solution.	<u>12</u>	<u>H</u>	<u>104</u>
<input checked="" type="checkbox"/> B.	0.08% Solution.	<u>12</u>	<u>H</u>	<u>105</u>
<input checked="" type="checkbox"/> C.	0.10% Solution.	<u>13</u>	<u>B</u>	<u>110</u>
<input checked="" type="checkbox"/> D.	0.16% Solution.	<u>12</u>	<u>F</u>	<u>106</u>

7. **Certificate of Accuracy Alcotest CU34 Simulators** from Draeger Safety (when conducting the Calibration/Linearity Tests) for:

- A. 0.04% used in Calibration/Linearity Testing. DDCB - 0001
 B. 0.08% used in Calibration/Linearity Testing. DDCB - 0002
 C. 0.10% used in Calibration/Linearity Testing DDWH 53-0286
[Same as instrument's CU34 unit].
 D. 0.16% used in Calibration/Linearity Testing. DDBN - 0007

8. A. New Standard Solution Report following Calibration.
 B. Calibrating CU34 Unit for same [same as CU34 unit on instrument].
 C. Certificate of Analysis 0.10% solution for same.
Lot #: 13 I 119
 D. Alcotest card of operator/coordinator who completed change.

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:

5-24-13

SERIAL NUMBER:

ARWA-0186

Draeger Safety Diagnostics, Inc.

DC



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:

DDWH 53-0286

Certification Date

Technician

Re-Certification Due Date

12-23-13

SY

12-23-14

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:

DDWA P2-018

12-23-13

12-23-14

Probe Value

104

Draeger Safety Diagnostics, Inc.
Technical Service Department

SY



Calibration
Certificate No. 1750.01

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



Cert. No.: 4000-5574136

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: 130754751 Manufacturer: Control Company

Standards/Equipment:

Description	Serial Number	Due Date	NIST Traceable Reference
Temperature Calibration Bath TC-179	A45240		
Thermistor Module	A17118	2/13/14	1000332071
Temperature Probe	128	2/20/14	6-B48Z9-30-1
Temperature Calibration Bath TC-231	A79341		
Thermistor Module	A17118	2/13/14	1000332071
Temperature Probe	3039	2/20/14	6-B48Z9-1-1
Temperature Calibration Bath TC-218	A73332		
Thermistor Module	A27129	10/25/14	1000346002
Temperature Probe	5202	11/30/14	15-B15PW-1-1
Temperature Calibration Bath TC-275	B16388		
Digital Thermometer	B16815	8/12/14	1000341967
PRT Temperature Probe	02022	8/14/15	B3812004

Certificate Information:

Technician: 68 Procedure: CAL-06 Cal Date: 12/12/13 Cal Due: 12/12/15
 Test Conditions: 24.0°C 33.0 %RH 1033 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	0.002	Y	-0.049	0.051	0.013	3.8:1
°C		N.A.		24.999	24.998	Y	24.949	25.049	0.023	2.2:1
°C		N.A.		50.003	50.001	Y	49.953	50.053	0.014	3.6:1
°C		N.A.		100.001	99.999	Y	99.951	100.051	0.018	2.8:1

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-01805-2006-AQ-HOU-RvA.
 International Laboratory Accreditation Cooperation (ILAC) - Multilateral Recognition Arrangement (MRA).

Alcotest 7110 Calibration Record

Equipment

Alcotest 7110 MKIII-C
FRANKLIN TOWNSHIP P.D.
Serial No.: ARWA-0186

Calibration File No.:	01342	Calib. Date:	05/27/2014	Calib. No.:	00021
Certification File No.:	01307	Cert. Date:	12/04/2013	Cert. No.:	00016
Linearity File No.:	01308	Lin. Date:	12/04/2013	Lin. No.:	00016
Solution File No.:	01336	Soln. Date:	05/11/2014	Soln. No.:	00155
Sequential File No.:	01342	File Date:	05/27/2014		

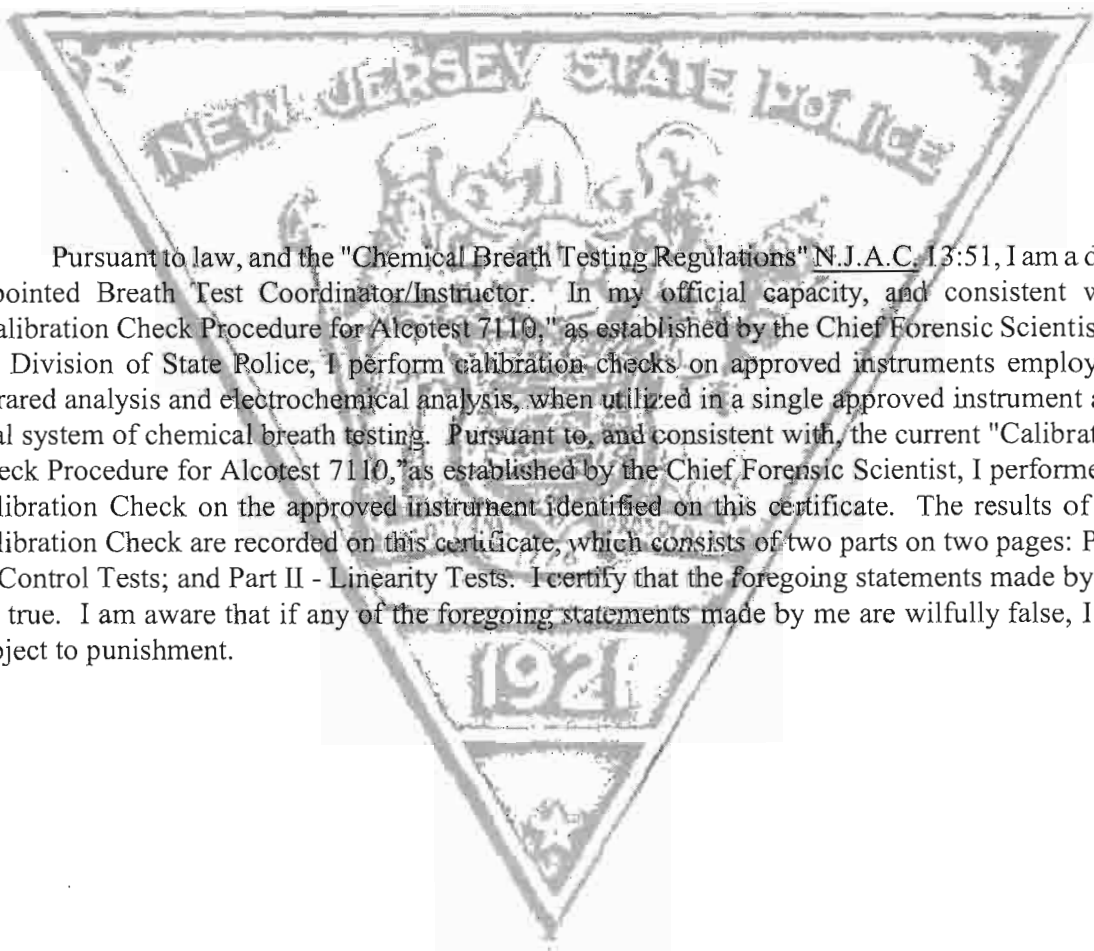
Calibrating Unit:	WET	Model No.:	CU-34	Serial No.:	DDWH S3-0286
Control Solution %:	0.100%			Expires:	02/13/2015
Solution Control Lot:	13B110			Bottle No.:	1056

Coordinator

Last Name: GIBSON First Name: MICHAEL MI: P
Signature: *Tom F. Whitcomb #6353* Badge No.: 6353
Date: 05/27/2014

*Black Key Temperature Probe Serial.....# DDLHP1-0073 (map)

*Digital NIST Temperature Measuring System Serial.....# 130754751 (map)



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
Location: FRANKLIN TOWNSHIP P.D. Serial No.: ARWA-0186
Calibration File No.: 01342 Calib. Date: 05/27/2014 Calib. No.: 00021
Certification File No.: 01343 Cert. Date: 05/27/2014 Cert. No.: 00017
Linearity File No.: 01308 Lin. Date: 12/04/2013 Lin. No.: 00016
Solution File No.: 01336 Soln. Date: 05/11/2014 Soln. No.: 00155
Sequential File No.: 01343 File Date: 05/27/2014

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDWH S3-0286
Control Solution %: 0.100% Expires: 02/13/2015
Solution Control Lot: 13B110 Bottle No.: 1056

Function	Result	Time	Temperature	Comment(s)
	%BAC	HH:MM	Simulator (°C)	or Error(s)
Ambient Air Blank	0.000%	13:04D		
Control 1 EC	0.099%	13:05D	33.9°C	*** TEST PASSED ***
Control 1 IR	0.100%	13:05D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:06D		
Control 2 EC	0.099%	13:06D	34.0°C	*** TEST PASSED ***
Control 2 IR	0.099%	13:06D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:07D		
Control 3 EC	0.100%	13:08D	34.0°C	*** TEST PASSED ***
Control 3 IR	0.100%	13:08D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:08D		

All tests within acceptable tolerance.

Coordinator

Last Name: GIBSON

First Name: MICHAEL

MI: P

Signature:



Badge No.: 6353

Date: 05/27/2014

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.: ARWA-0186
Location: FRANKLIN TOWNSHIP P.D.
Calibration File No.: 01342 Calib. Date: 05/27/2014 Calib. No.: 00021
Certification File No.: 01343 Cert. Date: 05/27/2014 Cert. No.: 00017
Linearity File No.: 01344 Lin. Date: 05/27/2014 Lin. No.: 00017
Solution File No.: 01336 Soln. Date: 05/11/2014 Soln. No.: 00155
Sequential File No.: 01344 File Date: 05/27/2014

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDCB-0001
Control Solution %: 0.040% Expires: 08/24/2014
Solution Control Lot: 12H104 Bottle No.: 1123

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDCB-0002
Control Solution %: 0.080% Expires: 08/27/2014
Solution Control Lot: 12H105 Bottle No.: 0389

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDBN-0007
Control Solution %: 0.160% Expires: 09/10/2014
Solution Control Lot: 12I106 Bottle No.: 0377

Function	Result	Time	Temperature	Comment(s)
	%BAC	HH:MM	Simulator (°C)	or Error(s)
Ambient Air Blank	0.000%	13:17D		
Control 1 EC	0.040%	13:18D	34.0°C	*** TEST PASSED ***
Control 1 IR	0.041%	13:18D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:19D		
Control 2 EC	0.040%	13:20D	34.0°C	*** TEST PASSED ***
Control 2 IR	0.040%	13:20D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:21D		
Control 3 EC	0.079%	13:22D	34.0°C	*** TEST PASSED ***
Control 3 IR	0.079%	13:22D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:23D		
Control 4 EC	0.079%	13:24D	34.0°C	*** TEST PASSED ***
Control 4 IR	0.079%	13:24D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:25D		
Control 5 EC	0.156%	13:26D	34.0°C	*** TEST PASSED ***
Control 5 IR	0.157%	13:26D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:27D		
Control 6 EC	0.155%	13:28D	34.0°C	*** TEST PASSED ***
Control 6 IR	0.156%	13:28D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:29D		

All tests within acceptable tolerance.

Coordinator

Last Name: GIBSON

First Name: MICHAEL

MI: P

Signature: 

Badge No.: 6353

Date: 05/27/2014

DEPARTMENT OF
Traffic and Public Safety
This is to certify that

Michael P. Gibson
New Jersey State Police

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 Five

SUPERINTENDENT
NEW JERSEY STATE POLICE


ATTORNEY GENERAL
STATE OF NEW JERSEY

ORIGINAL COURSE DATES

DATE	Refresher Course PLACE	INSTRUCTOR
1 12/3/07	OCPA	Wm. Long
2 3-13-09	SCPA	Wm. Long
3 2-3-11	OCPA	Wm. Long
4 10-16-13	SCPA	Wm. Long
5.		
6.		
7.		
8.		
9.		

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

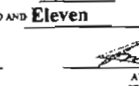
DEPARTMENT OF
Traffic and Public Safety
This is to certify that

Michael Gibson
New Jersey State Police

IS QUALIFIED AND COMPETENT TO CONDUCT CHEMICAL BREATH ANALYSES PURSUANT TO CHAPTER 142 OF THE LAWS OF 1966 IN THE OPERATION OF THE Breath Test Coordinator/Instructor
A METHOD TO DETERMINE INTOXICATION.
GIVEN UNDER MY HAND AT TRENTON, NEW JERSEY THIS 10th DAY OF June

TWO THOUSAND AND Eleven

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. 293B (Rev. 03/10)

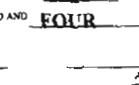
DEPARTMENT OF
Traffic and Public Safety
This is to certify that

MICHAEL P. GIBSON
NEW JERSEY STATE POLICE

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

TWO THOUSAND AND FOUR

SUPERINTENDENT
NEW JERSEY STATE POLICE


ATTORNEY GENERAL
STATE OF NEW JERSEY

ORIGINAL COURSE DATES 07/23 TO 07/25/2003

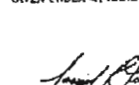
DATE	Refresher Course PLACE	INSTRUCTOR
1. 7-14-06	OCPA	Wm. Long
2.		
3.		
4.		
5.		
6.		
7.		
8.		
9.		

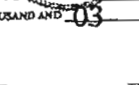
S.P. 293B (Rev. 06/03)

DEPARTMENT OF
Traffic and Public Safety
This is to certify that

Michael P. Gibson
North Wildwood City Police

IS QUALIFIED AND COMPETENT TO CONDUCT CHEMICAL BREATH ANALYSES PURSUANT TO CHAPTER 142 OF THE LAWS OF 1966 IN THE OPERATION OF THE Breathalyzer
A METHOD TO DETERMINE INTOXICATION.
GIVEN UNDER MY HAND AT TRENTON, NEW JERSEY THIS 25th DAY OF July

TWO THOUSAND AND 03

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. 293B (Rev. 06/03)



CHRIS CHRISTIE
Governor

KIM GUADAGNO
Lieutenant Governor

State of New Jersey
OFFICE OF THE ATTORNEY GENERAL
DEPARTMENT OF LAW AND PUBLIC SAFETY
DIVISION OF CRIMINAL JUSTICE
PO BOX 085
TRENTON, NJ 08625-0085
TELEPHONE: (609) 984-6500

PAULA T. DOW
Attorney General

STEPHEN J. TAYLOR
Director

June 10, 2011

Col. Joseph R. Fuentes, Superintendent
Division of State Police
Division Headquarters
P.O. Box 7068
West Trenton, New Jersey 08628

Re: Breath Test Coordinator/Instructor, Certification - Trooper Michael Gibson #6353

Dear Col. Fuentes:

Pursuant to the provisions of *N.J.A.C.* 13:51-2.1 (b) and (c), as adopted and promulgated under the provisions of *N.J.S.A.* 39:4-50.3, 39:3-10.25 and 12:7-56, I hereby approve Trooper Michael Gibson #6353, as a duly certified Breath Test Coordinator/Instructor. This approval is effective immediately.

Very truly yours,

Paula Dow
Attorney General

- c. Trooper Michael Gibson #6353, Alcohol/Drug Test Unit, Division of State Police
Lt. Craig Potter, Unit Head, Alcohol/Drug Test Unit, Division of State Police





CERTIFICATE

This is to certify that

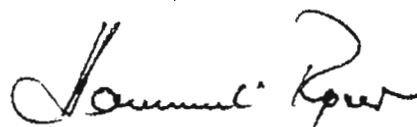
Michael P. Gibson #6353

has successfully completed the two day Draeger Safety Diagnostics, Inc. Alcohol Coordinator Training Course on the New Jersey specific Alcotest® 7110 MKIII-C and is hereby certified as a qualified

**Operator Trainer and
Maintenance Technician**

Completion of this course qualifies this individual to train and certify Operators in the proper use and operation as well as perform Preventive Maintenance on the New Jersey specific Alcotest® 7110 MKIII-C.

Date: March 18, 2011



Instructor: Hansueli Ryser

Dräger



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

JEFFREY S. CHIESA
 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: 9/26/2012

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 12H104

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.0487 to 0.0491 grams per 100 milliliters of solution.

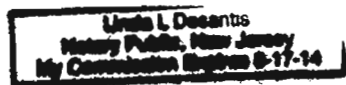
This lot of breath alcohol simulator solution may be utilized as a known traceable standard for the purpose of conducting periodic tests, pursuant to N.J.A.C. 13:51-4.3, of approved breath test instruments (N.J.A.C. 13:51-3.5) utilized by law enforcement agencies in this State. The manufacturer's expiration date for this lot of breath alcohol simulator solution is August 24, 2014.

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 5th day of October, 2012.

Linda L. DeSantis
 Notary



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State of New Jersey

OFFICE OF THE ATTORNEY GENERAL

DEPARTMENT OF LAW AND PUBLIC SAFETY

DIVISION OF STATE POLICE

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(609) 882-2000

CHRIS CHRISTIE
Governor

KIM GUADAGNO
Lt. Governor

JEFFREY S. CHIESA
Attorney General

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: Draeger Safety, Inc.

ANALYSIS DATE: 9/27/2012

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 12H105

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.0967 to 0.0976 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 August 27, 2014.

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 5th day of October, 2012.

Notary

Linda L. Desantis
Notary Public, New Jersey
My Commission Expires 6-17-14



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State of New Jersey

OFFICE OF THE ATTORNEY GENERAL

DEPARTMENT OF LAW AND PUBLIC SAFETY

DIVISION OF STATE POLICE

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WEST TRENTON, NJ 08628-0068

(609) 882-2000

CHRIS CHRISTIE
Governor

KIM GUADAGNO
Lt. Governor

JEFFREY S. CHIESA
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: 3/6/2013

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 13B110

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1234 to 0.1241 grams per 100 milliliters of solution.

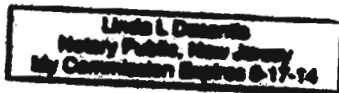
This lot of breath alcohol simulator solution may be utilized as a known traceable standard for the purpose of conducting periodic tests, pursuant to N.J.A.C. 13:51-4.3, of approved breath test instruments (N.J.A.C. 13:51-3.5) utilized by law enforcement agencies in this State. The manufacturer's expiration date for this lot of breath alcohol simulator solution is February 13, 2015.

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 7th day of March, 2013.

Linda R. DeFuentes
Notary



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State of New Jersey

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DEPARTMENT OF LAW AND PUBLIC SAFETY

DIVISION OF STATE POLICE

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CHRIS CHRISTIE
Governor

KIM GUADAGNO
Lt. Governor

JEFFREY S. CHIESA
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: 10/2/2012

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 121106

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1922 to 0.1932 grams per 100 milliliters of solution.

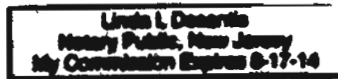
This lot of breath alcohol simulator solution may be utilized as a known traceable standard for the purpose of conducting periodic tests, pursuant to N.J.A.C. 13:51-4.3, of approved breath test instruments (N.J.A.C. 13:51-3.5) utilized by law enforcement agencies in this State. The manufacturer's expiration date for this lot of breath alcohol simulator solution is September 10, 2014.

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 5th day of October, 2012.

Notary



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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:

DDCB-0001

Certification Date

1-23-14

Technician

BC

Re-Certification Due Date

1-23-15



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)

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- Model: MARK IIA
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DDCB-0002

Certification Date

1-23-14

Technician

BC

Re-Certification Due Date

1-23-15



Dräger

CERTIFICATE OF ACCURACY

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(F.R. Vol. 59 No. 249 12/19/94 Notices)

Draeger Safety Diagnostics, Inc.

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

Serial Number:

DDBN-0007

Certification Date

Technician

Re-Certification Due Date

1-24-14

BC

1-24-15

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:

DDLHP1-0073

1-21-14

1-21-15

Probe Value

103

Draeger Safety Diagnostics, Inc.
Technical Service Department

BC

Calibrating Unit

New Standard Solution Report

Equipment Alcotest 7110 MKIII-C Serial No.: ARWA-0186
 Location: FRANKLIN TOWNSHIP P.D.
 Calibration File No.: 01342 Calib. Date: 05/27/2014 Calib. No.: 00021
 Certification File No.: 01343 Cert. Date: 05/27/2014 Cert. No.: 00017
 Linearity File No.: 01344 Lin. Date: 05/27/2014 Lin. No.: 00017
 Solution File No.: 01345 Soln. Date: 05/27/2014 Soln. No.: 00156
 Sequential File No.: 01345 File Date: 05/27/2014

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDWH S3-0286
 Control Solution %: 0.100% Expires: 09/10/2015
 Solution Control Lot: 13I119 Bottle No.: 1292

Function	Result	Time	Temperature	Comment(s)
	%BAC	HH:MM	Simulator (°C)	or Error(s)
Ambient Air Blank	0.000%	14:38D		
Control 1 EC	0.100%	14:39D	34.0°C	*** TEST PASSED ***
Control 1 IR	0.100%	14:39D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	14:39D		
Control 2 EC	0.100%	14:40D	34.0°C	*** TEST PASSED ***
Control 2 IR	0.100%	14:40D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	14:40D		
Control 3 EC	0.099%	14:41D	34.0°C	*** TEST PASSED ***
Control 3 IR	0.100%	14:41D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	14:42D		

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: DDWAP2-018 (mpA)

Changed By:

Last Name: GIBSON First Name: MICHAEL MI: P

Signature: *M. F. Michael R. Gibson #6353* Badge No.: 6353
 Date: 05/27/2014



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JOHN J. HOFFMAN
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: 10/17/2013

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 131119

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1204 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 September 10, 2015.

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 21st day of October, 2013.

Mary E. McLaughlin
Notary

MARY ELIZABETH MCLAUGHLIN
NOTARY PUBLIC OF NEW JERSEY
MY COMMISSION EXPIRES 12-24-2013



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ALCOTEST CALIBRATION PROCEDURES

- __ Prepare department simulator with NJSP 0.100% control solution
- __ Prepare NJSP simulators with 0.040%, 0.080% and 0.160% solutions
- __ Attach Black Key temperature probe
- __ **CHANGE PROBE VALUE TO NJSP COORDINATOR PROBE 103**
- __ CHECK "C" drive for data
- __ Download department Alcotest data, then save to thumb drive
- __ **DELETE** files left on C Drive

Verify the following functions:

__ version	NJ3.11
__ location	Department name
__ ctrl-config	cuv wet 0.100 .005 5%
__ lin-config	wet .005 5%
__ sim-equilib	60
__ soln-config	3 tests cuv wet 0.100 .005 5%
__ soln-days	30
__ soln-tests	25
__ printout	1 on external
__ digits	2
__ date	Ensure correct date and time
__ set-clock	If time or date are incorrect

- __ NIST all simulators with NIST traceable thermometer
- __ Attach department simulator and black key probe to Alcotest
- __ Put NJSP paper in the printer tray with the triangle down and point back
- __ **CALIBRATE** (follow prompts) Unit = Wet Model# = CU-34
- __ Write black key temperature probe # DDLHP1-0073 and NIST serial # 130754751 on report
- __ **CTRL-TEST** (follow prompts)
- __ Remove department simulator and dump solution
- __ Assemble department simulator with department solution and department probe
- __ Prepare the 0.040% simulator for Lin-test
 - a. Insert Black Key Temperature probe and attach to Alcotest
 - b. Attach clear hose to top port of simulator and back of Alcotest
 - c. Place a cuvette cover over front port of simulator
- __ **LIN-TEST** (follow prompts)
- __ Sign Calibration, Control Tests & Linearity Reports then scan
- __ **CLEAR MEMORY**
- __ Change PROBE value to department probe value
- __ Connect the department probe and simulator to the Alcotest
- __ **SOLN-CHANGE** (follow prompts)
- __ Check solution change report and write dept. temperature probe serial # on report
- __ Email OFSALCOTEST@GW.NJSP.ORG and ADTU@GW.NJSP.ORG
- __ **Data Download** – EwingTownship_ARTL-0022_20120829
- __ **Subject** - Data Download, Ewing Township, Mercer Co.
- __ **H Drive** – ARTL-0022_CALIB_20120829
- __ **Subject** – CALIB, Ewing Township, Mercer Co.

*SP Stations send original discovery packet to Kim or Sue at CJRB and leave a copy with Admin

****Sim/Probe change** – Check date and time, change Probe value to Dept. new probe value