Alcotest 7110 Calibration Record

Equipment

	Alcotest 7110 MKIII-C			Serial No.:	ARTL-0005
Location:	PLAINSBORO TOWNSHIP PD				
Calibration File No.:	00297	Calib. Date:	01/29/2007	Calib. No.:	00006
Certification File No.:	00216	Cert. Date:	06/27/2006	Cert. No.:	00003
Linearity File No.:	00217	Lin. Date:	06/27/2006	Lin. No.:	00003
Solution File No.:	00296	Soln. Date:	01/22/2007	Soln. No.:	00047
Sequential File No.:	00297	File Date:	01/29/2007		
Calibrating Unit:	WET	Model No.:	CU-34	Serial No.:	DDUF S3-0064
Control Solution %:	0.100%			Expires:	11/29/2007
Solution Control Lot:	05K021			Bottle No.:	0091

Coordinator

Last Name: SNYDER First Name: THOMAS MI: J.

Signature: TPR. II Thomas J. Snyder #5792 Badge No.: 5792

Date: 01/29/2007

*Black Key Temperature Probe Serial .....# DDUVP2-229

*Ertco-Hart Digital Temperature Measuring System Serial# A18519

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.

Jan 29.2007 —
Nov. 13.2007

Alcotest 7110 Calibration Certificate

Part I - Control Tests

Equipment Alcotest 7110 MKIII-C — Serial No.: ARTL-0005

Location: PLAINSBORO TOWNSHIP PD

Calibration File No.:	00297	Calib. Date:	01/29/2007	Calib. No.:	00006
Certification File No.:	00298	Cert. Date:	01/29/2007	Cert. No.:	00004
Linearity File No.:	00217	Lin. Date:	06/27/2006	Lin. No.:	00003
Solution File No.:	00296	Soln. Date:	01/22/2007	Soln. No.:	00047
Sequential File No.:	00298	File Date:	01/29/2007		

Calibrating Unit: WET — Model No.: CU-34 — Serial No.: DDUF S3-0064

Control Solution %: 0.100% — Expires: 11/29/2007

Solution Control Lot: 05K021 — Bottle No.: 0091

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	10:22S		
Control 1 EC	0.100%	10:23S	34.0°C	*** TEST PASSED ***
Control 1 IR	0.099%	10:23S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:23S		
Control 2 EC	0.099%	10:24S	34.0°C	*** TEST PASSED ***
Control 2 IR	0.099%	10:24S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:25S		
Control 3 EC	0.100%	10:25S	34.0°C	*** TEST PASSED ***
Control 3 IR	0.098%	10:25S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:26S		

All tests within acceptable tolerance.

Coordinator

Last Name: SNYDER — First Name: THOMAS — MI: J.

Signature: TPR II Thomas J. Snyder #5792 — Badge No.: 5792

Date: 01/29/2007

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
Location: PLAINSBORO TOWNSHIP PD
Serial No.: ARTL-0005

Calibration File No.: 00297
Certification File No.: 00298
Linearity File No.: 00299
Solution File No.: 00296
Sequential File No.: 00299

Calib. Date: 01/29/2007
Cert. Date: 01/29/2007
Lin. Date: 01/29/2007
Soln. Date: 01/22/2007
File Date: 01/29/2007

Calib. No.: 00006
Cert. No.: 00004
Lin. No.: 00004
Soln. No.: 00047

Calibrating Unit: WET
Control Solution %: 0.040%
Solution Control Lot: 06B026

Model No.: CU-34

Serial No.: DDRK S3-0003
Expires: 02/25/2008
Bottle No.: 0171

Calibrating Unit: WET
Control Solution %: 0.080%
Solution Control Lot: 06B024

Model No.: CU-34

Serial No.: DDXD S3-0184
Expires: 02/24/2008
Bottle No.: 0327

Calibrating Unit: WET
Control Solution %: 0.160%
Solution Control Lot: 06B025

Model No.: CU-34

Serial No.: DDSC S3-0009
Expires: 02/25/2008
Bottle No.: 0244

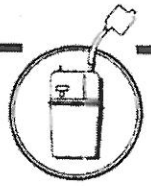
Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	10:36S		
Control 1 EC	0.040%	10:37S	34.0°C	*** TEST PASSED ***
Control 1 IR	0.041%	10:37S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:38S		
Control 2 EC	0.040%	10:39S	34.0°C	*** TEST PASSED ***
Control 2 IR	0.040%	10:39S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:40S		
Control 3 EC	0.080%	10:41S	34.0°C	*** TEST PASSED ***
Control 3 IR	0.080%	10:41S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:42S		
Control 4 EC	0.080%	10:43S	34.1°C	*** TEST PASSED ***
Control 4 IR	0.079%	10:43S	34.1°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:44S		
Control 5 EC	0.160%	10:44S	34.0°C	*** TEST PASSED ***
Control 5 IR	0.160%	10:44S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:46S		
Control 6 EC	0.160%	10:47S	34.0°C	*** TEST PASSED ***
Control 6 IR	0.160%	10:47S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:48S		

All tests within acceptable tolerance.

Coordinator

Last Name: SNYDER
First Name: THOMAS
MI: J.

Signature: TFR.II Thomas J. Snyder #5792
Badge No.: 5792
Date: 01/29/2007



Dräger safety

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: DDRK 53-0003

Certification Date	Technician	Re-Certification Due Date
MAR 09 2006	DB	MAR 09 2007

Dräger safety

CERTIFICATE OF ACCURACY

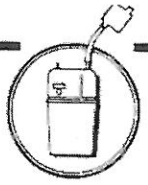
This Certificate of Accuracy verifies that the specified unit has been examined and found to be in compliance with National Highway and Traffic Safety Administration regulations for devices used to calibrate Evidential Breath Testers.
(F.R. Vol. 59 No. 249 12/19/94 Notices)

Draeger Safety Diagnostics, Inc.

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

Serial Number: DDXD 53-0184

Certification Date	Technician	Re-Certification Due Date
APR 10 2006	DB	APR 10 2007



Dräger safety

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: DDSC 53-0009

Certification Date	Technician	Re-Certification Due Date
MAR 09 2006	DB	MAR 09 2007

Dräger safety

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:
DDUNP2-229	03/09/2006	03/09/2007

Probe Value: 104

Draeger Safety Diagnostics, Inc.
Technical Service Department

Cert DG

Dräger safety

Ertco-Hart Digital Temperature Measuring System

REPORT OF CALIBRATION

This is to certify that the Ertco-Hart Digital Temperature Measuring System has been tested for accuracy with instrumentation that is traceable to the National Institute of Standards and Technology (NIST). Draeger Safety Diagnostics, Inc. (DSDI) recommends accuracy verification of the Ertco-Hart Digital Temperature Measuring System within 12 months of the certification date below, or sooner, according to your state specification.

DSDI equipment used for temperature verification Serial Number: 303176

Digital Units Serial Number: A18519

Probe Serial Number: 557899

Certification Date: 02/28/2006

Next Certification Due: 02/28/2007

At 34.00 °C digital unit displays 33.99 °C

Draeger Safety Diagnostics, Inc. Technician: Curt Daly

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

RICHARD J. CODEY
Acting Governor

PETER C. HARVEY
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 0.117 to 0.125 grams per 100 milliliters of solution.

MANUFACTURER: Drager Safety, Inc. **ANALYSIS DATE:** 12/12/05

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 05K021

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have an ethyl alcohol concentration range of 0.1208 to 0.1210 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. 13:51-3.4, 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 November 29, 2007.

As Forensic Laboratory Director of the Division of State Police, I hereby certify and attest that the tests and results documented in this Certificate of Analysis were performed at my direction and under my supervision by personnel of, and 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.

Thomas A. Brettell, Ph.D.
Forensic Laboratory Director
Division of State Police

Sworn to and subscribed before me this 28th day of December, 2005.

Notary

Linda L. DeSantis
My Commission
Expires Aug. 17, 2009

HONOR STATE DUTY NJ PUBLIC FIDELITY

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
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JON S. CORZINE
Governor

ZULIMA V. FARBER
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 0.045 to 0.051 grams per 100 milliliters of solution.

MANUFACTURER: Drager Safety, Inc. ANALYSIS DATE: 3/17/06

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 06B026

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have an ethyl alcohol concentration range of 0.0477 to 0.0479 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. 13:51-3.4, 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 25, 2008.

As Forensic Laboratory Director of the Division of State Police, I hereby certify and attest that the tests and results documented in this Certificate of Analysis were performed at my direction and under my supervision by personnel of, and 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.

Thomas A. Brettell, Ph.D.
Forensic Laboratory Director
Division of State Police

Sworn to and subscribed before me this 10th day of April, 2006.

Linda L. DeSantis
Notary

Linda L. DeSantis
My Commission
Expires Aug. 17, 2009

State of New Jersey
OFFICE OF THE ATTORNEY GENERAL
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Governor

ZULIMA V. FARBER
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 0.094 to 0.099 grams per 100 milliliters of solution.

MANUFACTURER: Drager Safety, Inc. **ANALYSIS DATE:** 3/17/06

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 06B024

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have an ethyl alcohol concentration range of 0.0956 to 0.0959 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. 13:51-3.4, 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 24, 2008.

As Forensic Laboratory Director of the Division of State Police, I hereby certify and attest that the tests and results documented in this Certificate of Analysis were performed at my direction and under my supervision by personnel of, and 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.

Thomas A. Brettell, Ph.D.
Forensic Laboratory Director
Division of State Police

Sworn to and subscribed before me this 10th day of April, 2006.

Notary

Linda L. DeSantis
My Commission
Expires Aug. 17, 2009

HONOR STATE DUTY PRIDE NJ

State of New Jersey
OFFICE OF THE ATTORNEY GENERAL
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Governor

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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 0.188 to 0.199 grams per 100 milliliters of solution.

MANUFACTURER: Drager Safety, Inc. **ANALYSIS DATE:** 3/17/06

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 06B025

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have an ethyl alcohol concentration range of 0.1916 to 0.1929 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. 13:51-3.4, 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 25, 2008.

As Forensic Laboratory Director of the Division of State Police, I hereby certify and attest that the tests and results documented in this Certificate of Analysis were performed at my direction and under my supervision by personnel of, and 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.

Thomas A. Brettell, Ph.D.
Forensic Laboratory Director
Division of State Police

Sworn to and subscribed before me this 10th day of April, 2006.

Notary

Linda L. DeSantis
My Commission
Expires Aug. 17, 2009

State of New Jersey
OFFICE OF THE ATTORNEY GENERAL
DEPARTMENT OF LAW AND PUBLIC SAFETY
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JON S. CORZINE
Governor

ZULIMA V. FARBER
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 0.117 to 0.125 grams per 100 milliliters of solution.

MANUFACTURER: Drager Safety, Inc. **ANALYSIS DATE:** 3/29/06

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 06C027

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have an ethyl alcohol concentration range of 0.1201 to 0.1206 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. 13:51-3.4, 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 March 3, 2008.

As Forensic Laboratory Director of the Division of State Police, I hereby certify and attest that the tests and results documented in this Certificate of Analysis were performed at my direction and under my supervision by personnel of, and 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.

Thomas A. Brettell

Thomas A. Brettell, Ph.D.
Forensic Laboratory Director
Division of State Police

Sworn to and subscribed before me this 26th day of April, 2006.

Linda L. DeSantis
Notary

Linda L. DeSantis
My Commission
Expires Aug. 17, 2009

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

JON S. CORZINE
Governor

STUART RABNER
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 0.117 to 0.125 grams per 100 milliliters of solution.

MANUFACTURER: Dragar Safety, Inc. **ANALYSIS DATE:** 12/06/06

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 06K037

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have an ethyl alcohol concentration range of 0.1213 to 0.1216 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. 13:51-3.4, 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 November 17, 2008.

As Chief Forensic Scientist of the Division of State Police, I hereby certify and attest that the tests and results documented in this Certificate of Analysis were performed at my direction and under my supervision by personnel of, and 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.

Ajit R Tungare

Ajit R. Tungare
Chief Forensic Scientist
Division of State Police

Sworn to and subscribed before me this 10th day of January 2007.

Linda L. DeSantis
Notary

Linda L. DeSantis
My Commission
Expires Aug. 17, 2009

DEPARTMENT OF

Law and Public Safety

This is to certify that

Thomas J. Snyder

Breath Test Coordinator/Instructor

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 17th DAY OF June TWO THOUSAND AND SIX

SUPERINTENDENT
NEW JERSEY STATE POLICE

ATTORNEY GENERAL
STATE OF NEW JERSEY

ORIGINAL COURSE DATES _____

Refresher Course

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

S.P. 293B (Rev. 01/06)

DEPARTMENT OF

Law and Public Safety

This is to certify that

Thomas J. Snyder

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 22nd DAY OF February TWO THOUSAND AND SIX

SUPERINTENDENT
NEW JERSEY STATE POLICE

ATTORNEY GENERAL
STATE OF NEW JERSEY

ORIGINAL COURSE DATES _____

Refresher Course

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

S.P. 293B (Rev. 01/06)

DEPARTMENT OF

Law and Public Safety

This is to certify that

Thomas J. Snyder

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 11th DAY OF Aug. TWO THOUSAND AND 00

SUPERINTENDENT
NEW JERSEY STATE POLICE

ATTORNEY GENERAL
STATE OF NEW JERSEY

ORIGINAL COURSE DATES _____

Refresher Course

	DATE	PLACE	INSTRUCTOR
1.	11-14-01	ACTC	[illegible]
2.	5-6-03	OCPA	[illegible]
3.	4-4-05	ACTC	[illegible]
4.			
5.			
6.			
7.			
8.			
9.			

SP-293B (Rev. 11/99)

CERTIFICATION STATEMENT:
DR. THOMAS A. BRETTELL, Ph.D.
RE: NJ 3.11 VERSION FIRMWARE, ALCOTEST® 7110 MK IIIC

THOMAS A. BRETTELL, Ph.D., hereby Certifies to the following statements.

1. I have been designated, by the Superintendent of the Division of State Police, as the Forensic Laboratory Director, Office of Forensic Sciences, Division of State Police.

2. I have held the position of Forensic Laboratory Director, Office of Forensic Sciences, Division of State Police, since August 2001. Prior to that appointment, I served as the Chief Forensic Scientist of the Division of State Police, beginning August 1, 1998.

3. In my official capacity as Chief Forensic Scientist, and pursuant to *N.J.A.C.* 13:51-3.2, I participated in the evaluation of applications for the approval of instruments, methods and operational functions of new evidential breath testing instruments. In my official capacity as Forensic Laboratory Director, Office of Forensic Sciences, I continually evaluate and review the methods of chemical breath testing and evidential breath test instruments as approved by the Attorney General at *N.J.A.C.* 13:51-3.5.

4. In my capacity as Forensic Laboratory Director, I testified as an expert witness for the State of New Jersey in the pre-trial *N.J.R.E.* §104 hearing resulting in the reported decision State v. Foley, *et al.*, 370 *N.J. Super.* 341 (Law Div. 2004). I was also present for the testimony of the other expert witnesses in that proceeding.

5. Alcotest® 7110 MK-IIIC instruments containing version NJ 3.8 firmware, were used, in a pilot project in Pennsauken Township, Camden County to administer chemical breath test to defendants. The results of those chemical breath tests were the subject of the hearings in State v. Foley, *et al.* In the course of that hearing, it became apparent to me that there were functions and/or features within the NJ 3.8 version of the firmware that would require revision, modification or correction in order for the firmware to conform with the procedures required by the State of New Jersey for the Alcotest® 7110 MK-IIIC instrument. In at least one instance, I testified in the hearing that certain changes to the firmware would be made, or were being contemplated.

6. The changes, revisions or modification that would be made, or were being contemplated, as referenced in the paragraph immediately above, included:

a. That the firmware in the Alcotest® 7110 MK-IIIC must report the lowest breath result value, infrared (IR) or electrochemical (EC), of all of the acceptable breath test values considered as valid in the acceptance tolerance algorithm.

b. That the acceptance tolerance algorithm for a reportable breath test result must evaluate all acceptable breath test result data pairs (an IR & an EC for a single breath test) in determining the lowest breath test result.

7. Following the conclusion of the *N.J.R.E.* §104 hearing in State v. Foley, *et al.*, I, as Forensic Laboratory Director, in consultation with the manufacturer of the instrument, Draeger Safety Diagnostics, Inc., the New Jersey State Police, and with legal advice from the Attorney General through the Division of Criminal Justice, decided that several additional revisions and modifications to the firmware of the Alcotest 7110 MK-IIIC, to be used in the State of New Jersey, were required to address: (a) concerns raised by the Court in the course of the Foley proceedings; (b) ministerial and administrative requirements; (c) as well as form and format issues.

8. The concerns raised in the course of the State v. Foley, *et al.* *N.J.R.E.* §104 hearings, referenced in the paragraph immediately above included:

a. Modification of the procedures and associated firmware commands by which a Breath Test Operator can terminate a breath test.

b. Institute a two-minute lock out between breath test samples.

9. In my official capacity as Forensic Laboratory Director I requested or instructed members of the Division of State Police to request, that the manufacturer make the above modifications to the NJ 3.8 version of the firmware in the Alcotest® 7110 MK-IIIC. The modifications to the NJ 3.8 verison of the firmware, now denominated as NJ 3.11, have no impact on the method of chemical breath testing employed in the Alcotest® 7110 MK-IIIC evidential breath test instrument.

10. Any and all changes, modifications or revisions to firmware in the Alcotest® 7110 MK-IIIC, must be made by the manufacturer, consistent with the Firmware Licensing Agreement for the Alcotest® 7110 MK-IIIC. The State of New Jersey does not have access to, or the ability to make changes, modifications, or revisions to the firmware in the Alcotest® 7110 MK-IIIC. Those functions can only be performed by the manufacturer.

11. The following is a summary of the firmware revisions, modifications, or changes that were made, the result of which is version NJ 3.11.

a. Pagination: the Alcohol Influence Report (AIR) pages are now paginated and for multi-page AIR's will print "page ___ of ___".

b. On a subsequent print request for a copy of an AIR stored in the memory of the Alcotest® 7110 MK-IIIC evidential breath test instrument, the instrument will print all pages of the requested AIR.

c. When a defendant fails to provide the minimum acceptance criteria of minimum volume, or blowing time, the LED display on the instrument will display the reported deficiency message, as well as the relative quantitative value of the deficiency (Volume in Liters, Blowing Time in seconds) for a period of 30 seconds.

d. A Control Test Failure will be immediately reported on the LED display on the instrument. Control Test Failures will always be reported on AIR in addition to any other errors reported.

e. All Error messages will be reported on the AIR, not on a separate AIR document. When a test is terminated, any and all error messages which occurred prior to the termination are printed out on the AIR.

f. Instrument will maintain a lock-out of 2 minutes between defendant breath tests.

g. All tests functions (breath tests, control tests and ambient air tests) will be reported on the AIR.

h. The acceptance tolerance algorithm for a "reported breath test result" was modified to ensure that only the lowest reportable blood alcohol concentration (BAC) value is reported on the AIR. The firmware NJ 3.11 in the instrument will look at all of the acceptable breath test result data pairs (IR & EC) and report the lowest breath test result. To accomplish this task the firmware in the instrument must report the lowest possible BAC by comparing the resulting values of the IR and EC of duplicate breath samples of which the BAC raw values must agree within ±10% or ±0.010 (whichever is greater) of the mean of the four readings. If three or more breath samples are given by the subject, the instrument must compare all possible pairs of EC and IR duplicate breath values to ensure the lowest possible BAC is reported from duplicate breath samples which agree within ±10% or ±0.010 (whichever is greater) of the mean of the readings taken.

i. All test results (breath tests, control tests and ambient air tests) will be reported to three (3) decimal places on the AIR. But, the "reported breath test result" will only be reported, as a truncated decimal value, to two (2) decimal places.

j. The Breath Test Operator will have three (3) options when the defendant fails to meet minimum acceptance criteria standards. The LED on the instrument will present the Operator with the options: "Terminate", "Refusal" and "Continue".

k. The AIR format and type fonts have been changed or modified. The AIR will include the text "Copy given to defendant." The AIR will also report the defendant's height in feet and inches, and "Failed Attempts" as an Error Message.

l. If the instrument detects mouth alcohol, it will display message "Test Aborted-Mouth Alcohol Detected".

m. The instrument will display options "Terminate", "Refusal" and "Continue" when the "ready-to-blow" time expires. If the test is terminated due to "Ready To Blow Time Expired," then that message will appear on the AIR, as an error message, followed by "Test Terminated ."

n. If the instrument detects an interfering substance the test is aborted and the AIR will state "Interfering Substance Detected".

o. Where a defendant provides two (2) valid and acceptable breath samples, the AIR will be reported and printed on single page.

p. The header of AIR will reflect agency where instrument employed or located.

q. When the error message "Blowing Not Allowed" is displayed, the Operator will be presented with three (3) options: "Terminate"; "Refusal"; and "Continue",

r. Data fields for driver licence number, issuing state or jurisdiction of the driver licence, case number and summons number have been added.

12. The facts herein are true. 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.

DATE May 17, 2005

Thomas A. Brettell

Thomas A. Brettell, Ph.D.

Dräger safety

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:
DDSFP2-0396	07/31/2006	07/31/2007

Probe Value: 104

Draeger Safety Diagnostics, Inc.
Technical Service Department

Dräger safety

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: DDUFS3-0064

Certification Date	Technician	Re-Certification Due Date
JUL 31 2006	DB	JUL 31 2007

Calibrating Unit
New Standard Solution Report

Equipment Alcotest 7110 MKIII-C — Serial No.: ARTL-0005
Location: PLAINSBORO TOWNSHIP PD

Calibration File No.:	00297	Calib. Date:	01/29/2007	Calib. No.:	00006
Certification File No.:	00298	Cert. Date:	01/29/2007	Cert. No.:	00004
Linearity File No.:	00299	Lin. Date:	01/29/2007	Lin. No.:	00004
Solution File No.:	00300	Soln. Date:	01/29/2007	Soln. No.:	00048
Sequential File No.:	00300	File Date:	01/29/2007		

Calibrating Unit: WET — Model No.: CU-34 — Serial No.: DDUF S3-0064
Control Solution %: 0.100% — Expires: 03/03/2008
Solution Control Lot: 06C027 — Bottle No.: 0847

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	11:58S		
Control 1 EC	0.100%	11:58S	33.9°C	*** TEST PASSED ***
Control 1 IR	0.100%	11:58S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	11:59S		
Control 2 EC	0.100%	12:00S	34.0°C	*** TEST PASSED ***
Control 2 IR	0.099%	12:00S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	12:00S		
Control 3 EC	0.100%	12:01S	34.0°C	*** TEST PASSED ***
Control 3 IR	0.100%	12:01S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	12:01S		

All tests within acceptable tolerance.

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

TEMPERATURE PROBE SERIAL NUMBER: DDSF12-0396 T.J.S.

Changed By:
Last Name: SNYDER — First Name: THOMAS — MI: J.
Signature: TRP Thomas J. Snyder # 5792 — Badge No.: 5792
Date: 01/29/2007

Dräger safety

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: 01/22/2007

SERIAL NUMBER: ARTL-0005

Draeger Safety Diagnostics, Inc.
Durango, CO

CRD

Calibrating Unit
New Standard Solution Report

Equipment Alcotest 7110 MKIII-C
Location: PLAINSBORO TOWNSHIP PD
Serial No.: ARTL-0005

Calibration File No.: 00297
Certification File No.: 00298
Linearity File No.: 00299
Solution File No.: 00362
Sequential File No.: 00362

Calib. Date: 01/29/2007
Cert. Date: 01/29/2007
Lin. Date: 01/29/2007
Soln. Date: 07/31/2007
File Date: 07/31/2007

Calib. No.: 00006
Cert. No.: 00004
Lin. No.: 00004
Soln. No.: 00055

Calibrating Unit: WET
Control Solution %: 0.100%
Solution Control Lot: 06K037

Model No.: CU-34

Serial No.: DDUF S3-0065
Expires: 11/17/2008
Bottle No.: 0705

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	12:05D		
Control 1 EC	0.100%	12:05D	34.0°C	*** TEST PASSED ***
Control 1 IR	0.101%	12:05D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	12:06D		
Control 2 EC	0.099%	12:06D	34.0°C	*** TEST PASSED ***
Control 2 IR	0.100%	12:06D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	12:07D		
Control 3 EC	0.099%	12:07D	33.9°C	*** TEST PASSED ***
Control 3 IR	0.100%	12:07D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	12:08D		

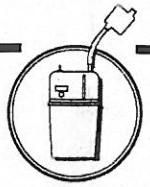
All tests within acceptable tolerance.

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

TEMPERATURE PROBE SERIAL NUMBER: DNJSP2-144 TJS

Changed By:
Last Name: SNYDER First Name: THOMAS MI: J.

Signature: TJS Thomas J. Snyder #5792 Badge No.: 5792
Date: 07/31/2007



Dräger safety

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.

- (X) Model: ALCOTEST® CU34
- ( ) Model: MARK IIA
- ( ) Other: _____

Serial Number: DDUFS3 - 0065

Certification Date	Technician	Re-Certification Due Date
02/12/2007	CA	02/12/2008

Dräger safety

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:
DDUJP2 - 144	02/12/2007	02/12/2008

Probe Value: 105

Draeger Safety Diagnostics, Inc.
Technical Service Department

CA

DEPARTMENT OF

Law and Public Safety

This is to certify that

JOHN A. BRESNEN

PLAINSBORO TWP.

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 MKIIIC A METHOD TO DETERMINE INTOXICATION.

GIVEN UNDER MY HAND AT TRENTON, NEW JERSEY THIS 12th DAY OF November TWO THOUSAND AND FOUR

SUPERINTENDENT
NEW JERSEY STATE POLICE

ATTORNEY GENERAL
STATE OF NEW JERSEY

ORIGINAL COURSE DATES

Refresher Course

	DATE	PLACE	INSTRUCTOR
1.	11/17/06	Sayreville PD	[signature]
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			

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

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

JON S. CORZINE
Governor

STUART RABNER
Attorney General

GREGORY A. PAW
Director

March 9, 2007

TO: All County Prosecutors
Colonel Joseph Fuentes, Superintendent, NJSP
All Municipal Prosecutors
All Law Enforcement Executives

Re: Superseding Advisory -- Temporary Procedure for Evidential Breath Test Utilizing Alcotest Instrument for Daylight Savings Time Period March 11-April 1, 2007

In 2005, President Bush signed the Energy Policy Act of 2005, 42 U.S.C. sec. 15801. This Act, the relevant portion of which is attached, changes the dates of Daylight Savings Time effective 2007. As a result, Daylight Savings Time will begin on the second Sunday in March (March 11, 2007) instead of the first Sunday in April (April 1, 2007).

The Alcotest 7110 MKIII-C New Jersey firmware version 3.11 is configured to automatically convert to Daylight Savings Time based on the pre-2007 timetable. Therefore, instead of changing to Daylight Savings Time on March 11, 2007, the Alcotest 7110 MK III-C will change on April 1, 2007. Prior to April 1, 2007, the instrument will continue to record all times, both printed and electronic, with an "S" suffix, indicating Standard Time. At 02:00 on April 1, 2007, the instrument's time recording will automatically change to a "D" suffix, indicating Daylight Savings Time.

The instrument's recordation of Standard Time rather than Daylight Savings Time does not affect the method of analysis or the accuracy of the readings. All current procedures for the processing of arrested intoxicated drivers are to continue, including the 20 minute observation period currently part of the regular protocol. However, because the Alcotest is set to read in Standard Time for the next three weeks, Breath Test Operators should enter the time of arrest in the Alcotest instrument in Standard Time (one hour earlier than Daylight Savings Time). Entries on all other documents related to the arrest (*e.g.*, police reports) should reflect Daylight Savings Time effective March 11, 2007.

This advisory supersedes our prior law enforcement advisory dated February 21, 2007. Please inform all local law enforcement personnel to direct any questions regarding the implementation of this interim procedure to their respective County Prosecutor's Office.

Very truly yours,

Jessica S. Oppenheim
Assistant Attorney General
Prosecutors Supervision and Coordination Bureau

Attachment
c: Lt. Mark Kolodzieski, Supervisor, NJSP Alcohol & Drug Testing Unit
Traffic Records Unit, Criminal Justice Records Bureau, NJSP
Ajit Tungare, Acting Chief, NJSP Office of Forensic Science