

Alcotest 7110 Calibration Record

Equipment

Alcotest 7110 MKIII-C
Location: BLAIRSTOWN POLICE DEPT. Serial No.: ARWE-0027
Calibration File No.: 00148 Calib. Date: 09/28/2009 Calib. No.: 00009
Certification File No.: 00130 Cert. Date: 04/03/2009 Cert. No.: 00006
Linearity File No.: 00131 Lin. Date: 04/03/2009 Lin. No.: 00006
Solution File No.: 00144 Soln. Date: 08/29/2009 Soln. No.: 00064
Sequential File No.: 00148 File Date: 09/28/2009

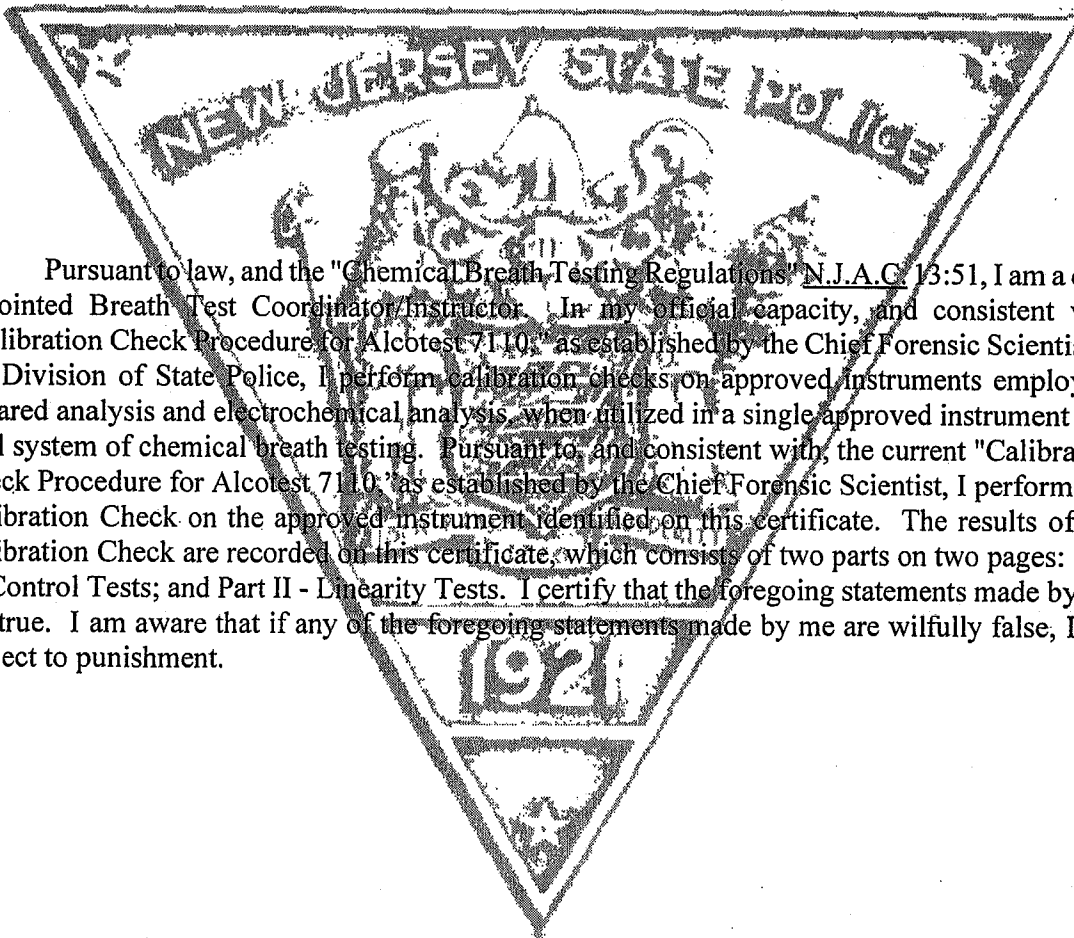
Calibrating Unit: WET Model No.: CU-34 Serial No.: DDWH S3-0283
Control Solution %: 0.100% Expires: 04/22/2011
Solution Control Lot: 09D065 Bottle No.: 1200

Coordinator

Last Name: ROUSHINKO First Name: CRAIG MI: A.
Signature: TRR II [Signature] #6046 Badge No.: 6046
Date: 09/28/2009

*Black Key Temperature Probe Serial.....# DDWAP2-038 (CAR)

*Digital NIST Temperature Measuring System Serial.....# 80614942 (CAR)



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: BLAIRSTOWN POLICE DEPT. Serial No.: ARWE-0027
Calibration File No.: 00148 Calib. Date: 09/28/2009 Calib. No.: 00009
Certification File No.: 00149 Cert. Date: 09/28/2009 Cert. No.: 00007
Linearity File No.: 00131 Lin. Date: 04/03/2009 Lin. No.: 00006
Solution File No.: 00144 Soln. Date: 08/29/2009 Soln. No.: 00064
Sequential File No.: 00149 File Date: 09/28/2009

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDWH S3-0283
Control Solution %: 0.100% Expires: 04/22/2011
Solution Control Lot: 09D065 Bottle No.: 1200

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	13:33D		
Control 1 EC	0.099%	13:34D	34.0°C	*** TEST PASSED ***
Control 1 IR	0.099%	13:34D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:34D		
Control 2 EC	0.099%	13:35D	34.0°C	*** TEST PASSED ***
Control 2 IR	0.099%	13:35D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:36D		
Control 3 EC	0.099%	13:36D	34.0°C	*** TEST PASSED ***
Control 3 IR	0.099%	13:36D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:37D		

All tests within acceptable tolerance.

Coordinator

Last Name: ROUSHINKO

First Name: CRAIG

MI: A.

Signature: _____

Badge No.: 6046

Date: 09/28/2009

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: BLAIRSTOWN POLICE DEPT.
Serial No.: ARWE-0027
Calibration File No.: 00148 Calib. Date: 09/28/2009 Calib. No.: 00009
Certification File No.: 00149 Cert. Date: 09/28/2009 Cert. No.: 00007
Linearity File No.: 00150 Lin. Date: 09/28/2009 Lin. No.: 00007
Solution File No.: 00144 Soln. Date: 08/29/2009 Soln. No.: 00064
Sequential File No.: 00150 File Date: 09/28/2009

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDRK S3-0021
Control Solution %: 0.040% Expires: 06/26/2010
Solution Control Lot: 08F054 Bottle No.: 1019

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDRK S3-0022
Control Solution %: 0.080% Expires: 06/28/2010
Solution Control Lot: 08F055 Bottle No.: 1062

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDRK S3-0024
Control Solution %: 0.160% Expires: 07/07/2010
Solution Control Lot: 08G057 Bottle No.: 0137

Function	Result	Time	Temperature	Comment(s)
	%BAC	HH:MM	Simulator (°C)	or Error(s)
Ambient Air Blank	0.000%	13:50D		
Control 1 EC	0.040%	13:51D	34.0°C	*** TEST PASSED ***
Control 1 IR	0.039%	13:51D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:52D		
Control 2 EC	0.040%	13:53D	34.0°C	*** TEST PASSED ***
Control 2 IR	0.040%	13:53D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:54D		
Control 3 EC	0.080%	13:55D	34.0°C	*** TEST PASSED ***
Control 3 IR	0.079%	13:55D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:56D		
Control 4 EC	0.080%	13:57D	34.0°C	*** TEST PASSED ***
Control 4 IR	0.079%	13:57D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	13:58D		
Control 5 EC	0.160%	13:58D	34.0°C	*** TEST PASSED ***
Control 5 IR	0.160%	13:58D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	14:00D		
Control 6 EC	0.160%	14:01D	34.0°C	*** TEST PASSED ***
Control 6 IR	0.160%	14:01D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	14:02D		

All tests within acceptable tolerance.

Coordinator

Last Name: ROUSHINKO

First Name: CRAIG

MI: A.

Signature: _____

TPR II  #6046

Badge No.: 6046

Date: 09/28/2009

Calibrating Unit

New Standard Solution Report

Equipment	Alcotest 7110 MKIII-C	Serial No.:	ARWE-0027
Location:	BLAIRSTOWN POLICE DEPT.	Calib. No.:	00009
Calibration File No.:	00148	Cert. Date:	09/28/2009
Certification File No.:	00149	Lin. Date:	09/28/2009
Linearity File No.:	00150	Soln. Date:	09/28/2009
Solution File No.:	00151	File Date:	09/28/2009
Sequential File No.:	00151		

Calibrating Unit:	WET	Model No.:	CU-34	Serial No.:	DDWH S3-0283
Control Solution %:	0.100%			Expires:	03/07/2010
Solution Control Lot:	08C051			Bottle No.:	0951

Function	Result	Time	Temperature	Comment(s)
	%BAC	HH:MM	Simulator (°C)	or Error(s)
Ambient Air Blank	0.000%	15:16D		
Control 1 EC	0.100%	15:16D	34.0°C	*** TEST PASSED ***
Control 1 IR	0.100%	15:16D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	15:17D		
Control 2 EC	0.099%	15:17D	34.0°C	*** TEST PASSED ***
Control 2 IR	0.099%	15:17D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	15:18D		
Control 3 EC	0.100%	15:19D	34.0°C	*** TEST PASSED ***
Control 3 IR	0.099%	15:19D	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	15:19D		

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: DDUNP2-358 (CAR)

Changed By:

Last Name: ROUSHINKO

First Name: CRAIG

MI: A.

Signature: TR. II [Signature] #6046

Badge No.: 6046

Date: 09/28/2009

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:

05/01/2007

SERIAL NUMBER:

ARWE-0027

Draeger Safety Diagnostics, Inc.
Durango, CO

CEO



Calibration
Certificate No. 1750.01

Calibration complies with ISO 9001
ISO/IEC 17025 AND ANSI/NC SL Z540-1



Cert. No.: 4000-2023730

Traceable® Certificate of Calibration for Digital Thermometer

Instrument Identification:

Model: 61220-601 S/N: 80614942 Manufacturer : Control Company

Standards/Equipment:

Description	Serial Number	Due Date	NIST Traceable Reference
Temperature Calibration Bath TC191	A79341		
Digital Thermometer	72310620/72310747	7/01/09	4000-1923693
Temperature Calibration Bath TC179	A45240		
Digital Thermometer	22136727	5/16/09	4000-1882244
Temperature Probe	149	3/06/09	A82225037-3
Thermistor Module	A17118	11/15/08	A7831032
Temperature Calibration Bath TC218	A73332		

Certificate Information:

Technician: 68 Procedure: CAL-06 Cal Date: 11/04/08 Cal Due: 11/04/10
Test Conditions: 23.5°C 44.0 %RH 1019 mBar

Calibration Data: (New Instrument)

Unit(s)	Nominal	As Found	In Tol	Nominal	As Left	In Tol	Min	Max	±uc	TUR
°C		N.A.		0.001	0.001	Y	-0.049	0.051	0.013	3.8:1
°C		N.A.		25.004	24.999	Y	24.954	25.054	0.013	3.8:1
°C		N.A.		60.001	59.998	Y	59.951	60.051	0.018	2.8:1
°C		N.A.		100.001	99.999	Y	99.951	100.051	0.013	3.8:1

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; ±uc=Measurement Uncertainty; TUR=Test Uncertainty Ratio; Accuracy=±(Max-Min)/2; Date=MM/DD/YY

Wallace Berry
Wallace Berry, 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 9001:2000 Quality Certified by (DNV) Det Norske Veritas, Certificate No. CERT-01805-AQ-HOU.
International Laboratory Accreditation Cooperation (ILAC) - Multilateral Recognition Arrangement (MRA).

