

Calibrating Unit New Standard Solution Report

Equipment Alcotest 7110 MKIII-C Serial No.: ARXA-0067
Location: LONGPORT POLICE
Calibration File No.: 00598 Calib. Date: 10/17/2012 Calib. No.: 00018
Certification File No.: 00599 Cert. Date: 10/17/2012 Cert. No.: 00013
Linearity File No.: 00600 Lin. Date: 10/17/2012 Lin. No.: 00013
Solution File No.: 00610 Soln. Date: 12/13/2012 Soln. No.: 00133
Sequential File No.: 00610 File Date: 12/13/2012

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDXC S3-0154
Control Solution %: 0.100% Expires: 04/25/2014
Solution Control Lot: 12D101 Bottle No.: 0173

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	22:16S		
Control 1 EC	0.101%	22:17S	34.1°C	*** TEST PASSED ***
Control 1 IR	0.099%	22:17S	34.1°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	22:17S		
Control 2 EC	0.099%	22:18S	34.1°C	*** TEST PASSED ***
Control 2 IR	0.100%	22:18S	34.1°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	22:19S		
Control 3 EC	0.099%	22:19S	34.1°C	*** TEST PASSED ***
Control 3 IR	0.100%	22:19S	34.1°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	22:20S		

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.

Changed By:

Last Name: BAUMGARDNER

First Name: JOSEPH

MI: T

Signature:

Joseph T. Baumgardner #312 12/13/12

Badge No.: 312

Date: 12/13/2012

Calibrating Unit New Standard Solution Report

Equipment	Alcotest 7110 MKIII-C	Serial No.: ARXA-0067
Location:	LONGPORT POLICE	
Calibration File No.:	00598	Calib. Date: 10/17/2012
Certification File No.:	00599	Calib. No.: 00018
Linearity File No.:	00600	Cert. Date: 10/17/2012
Solution File No.:	00605	Cert. No.: 00013
Sequential File No.:	00605	Lin. Date: 10/17/2012
		Lin. No.: 00013
		Soln. Date: 11/15/2012
		Soln. No.: 00132
		File Date: 11/15/2012
Calibrating Unit:	WET	Model No.: CU-34
Control Solution %:	0.100%	Serial No.: DDXC S3-0154
Solution Control Lot:	12D101	Expires: 04/25/2014
		Bottle No.: 0163

Function	Result	Time	Temperature	Comment(s)
	%BAC	HH:MM	Simulator (°C)	or Error(s)
Ambient Air Blank	0.000%	09:07S		
Control 1 EC	0.099%	09:07S	34.1°C	*** TEST PASSED ***
Control 1 IR	0.100%	09:07S	34.1°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:08S		
Control 2 EC	0.098%	09:09S	34.1°C	*** TEST PASSED ***
Control 2 IR	0.099%	09:09S	34.1°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:09S		
Control 3 EC	0.099%	09:10S	34.1°C	*** TEST PASSED ***
Control 3 IR	0.099%	09:10S	34.1°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	09:10S		

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.

Changed By:

Last Name: SILVA

First Name: JAMES

MI: F

Signature: _____

Badge No.: 319

Date: 11/15/2012

Calibrating Unit New Standard Solution Report

Equipment	Alcotest 7110 MKIII-C	Serial No.: ARXA-0067
Location:	LONGPORT POLICE	
Calibration File No.:	00554	Calib. Date: 05/16/2012
Certification File No.:	00555	Calib. No.: 00017
Linearity File No.:	00556	Cert. Date: 05/16/2012
Solution File No.:	00596	Cert. No.: 00012
Sequential File No.:	00596	Lin. Date: 05/16/2012
		Lin. No.: 00012
		Soln. Date: 09/28/2012
		Soln. No.: 00130
		File Date: 09/28/2012

Calibrating Unit:	WET	Model No.: CU-34	Serial No.: DDXC S3-0135
Control Solution %:	0.100%		Expires: 04/25/2014
Solution Control Lot:	12D101		Bottle No.: 0169

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	20:49D		
Control 1 EC	0.100%	20:50D	33.9°C	*** TEST PASSED ***
Control 1 IR	0.100%	20:50D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	20:50D		
Control 2 EC	0.100%	20:51D	33.9°C	*** TEST PASSED ***
Control 2 IR	0.099%	20:51D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	20:51D		
Control 3 EC	0.099%	20:52D	33.9°C	*** TEST PASSED ***
Control 3 IR	0.099%	20:52D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	20:53D		

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.

Changed By:

Last Name: SILVA

First Name: JAMES

MI: F

Signature: _____

Badge No.: 319

Date: 09/28/2012

Calibrating Unit

New Standard Solution Report

Equipment	Alcotest 7110 MKIII-C	Serial No.: ARXA-0067
Location:	LONGPORT POLICE	
Calibration File No.:	00554	Calib. Date: 05/16/2012
Certification File No.:	00555	Calib. No.: 00017
Linearity File No.:	00556	Cert. Date: 05/16/2012
Solution File No.:	00585	Cert. No.: 00012
Sequential File No.:	00585	Lin. Date: 05/16/2012
		Lin. No.: 00012
		Soln. Date: 09/01/2012
		Soln. No.: 00129
		File Date: 09/01/2012

Calibrating Unit: WET	Model No.: CU-34	Serial No.: DDXC S3-0135
Control Solution %: 0.100%		Expires: 04/25/2014
Solution Control Lot: 12D101		Bottle No.: 0168

Function	Result	Time	Temperature	Comment(s)
	%BAC	HH:MM	Simulator (°C)	or Error(s)
Ambient Air Blank	0.000%	08:10D		
Control 1 EC	0.100%	08:10D	33.9°C	*** TEST PASSED ***
Control 1 IR	0.100%	08:10D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	08:11D		
Control 2 EC	0.100%	08:12D	33.9°C	*** TEST PASSED ***
Control 2 IR	0.100%	08:12D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	08:12D		
Control 3 EC	0.100%	08:13D	33.9°C	*** TEST PASSED ***
Control 3 IR	0.100%	08:13D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	08:14D		

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.

Changed By:

Last Name: SILVA

First Name: JAMES

MI: F

Signature: _____

[Handwritten Signature] #319

Badge No.: 319

Date: 09/01/2012

Calibrating Unit New Standard Solution Report

Equipment	Alcotest 7110 MKIII-C	Serial No.: ARXA-0067
Location:	LONGPORT POLICE	
Calibration File No.:	00554	Calib. Date: 05/16/2012
Certification File No.:	00555	Calib. No.: 00017
Linearity File No.:	00556	Cert. Date: 05/16/2012
Solution File No.:	00581	Cert. No.: 00012
Sequential File No.:	00581	Lin. Date: 05/16/2012
		Lin. No.: 00012
		Soln. Date: 08/03/2012
		Soln. No.: 00128
		File Date: 08/03/2012
Calibrating Unit:	WET	Model No.: CU-34
Control Solution %:	0.100%	Serial No.: DDXC S3-0135
Solution Control Lot:	12D101	Expires: 04/25/2014
		Bottle No.: 0158

Function	Result	Time	Temperature	Comment(s)
	%BAC	HH:MM	Simulator (°C)	or Error(s)
Ambient Air Blank	0.000%	21:09D		
Control 1 EC	0.100%	21:10D	33.9°C	*** TEST PASSED ***
Control 1 IR	0.100%	21:10D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	21:10D		
Control 2 EC	0.099%	21:11D	33.9°C	*** TEST PASSED ***
Control 2 IR	0.100%	21:11D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	21:12D		
Control 3 EC	0.099%	21:12D	33.9°C	*** TEST PASSED ***
Control 3 IR	0.100%	21:12D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	21:13D		

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.

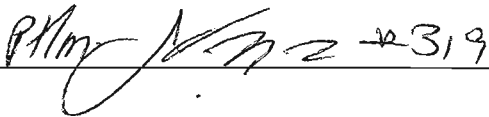
Changed By:

Last Name: SILVA

First Name: JAMES

MI: F

Signature: _____



Badge No.: 319

Date: 08/03/2012

Calibrating Unit

New Standard Solution Report

Equipment	Alcotest 7110 MKIII-C	Serial No.: ARXA-0067
Location:	LONGPORT POLICE	
Calibration File No.:	00554	Calib. Date: 05/16/2012
Certification File No.:	00555	Calib. No.: 00017
Linearity File No.:	00556	Cert. Date: 05/16/2012
Solution File No.:	00568	Cert. No.: 00012
Sequential File No.:	00568	Lin. Date: 05/16/2012
		Lin. No.: 00012
		Soln. Date: 07/12/2012
		Soln. No.: 00127
		File Date: 07/12/2012
Calibrating Unit:	WET	Model No.: CU-34
Control Solution %:	0.100%	Serial No.: DDXC S3-0135
Solution Control Lot:	11K096	Expires: 11/23/2013
		Bottle No.: 0724

Function	Result	Time	Temperature	Comment(s)
	%BAC	HH:MM	Simulator (°C)	or Error(s)
Ambient Air Blank	0.000%	11:30D		
Control 1 EC	0.100%	11:30D	33.9°C	*** TEST PASSED ***
Control 1 IR	0.100%	11:30D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	11:31D		
Control 2 EC	0.099%	11:31D	33.9°C	*** TEST PASSED ***
Control 2 IR	0.100%	11:31D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	11:32D		
Control 3 EC	0.100%	11:33D	33.9°C	*** TEST PASSED ***
Control 3 IR	0.100%	11:33D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	11:33D		

All tests within acceptable tolerance.

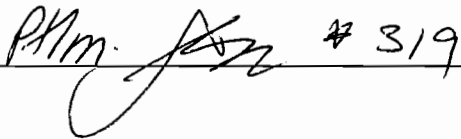
On this date, I installed the above indicated "NEW SOLUTION" in accordance with Alcotest 7110 operator training and procedures established by the (NJSP) Chief Forensic Scientist.

Changed By:

Last Name: SILVA

First Name: JAMES

MI: F

Signature:  # 319

Badge No.: 319

Date: 07/12/2012



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

PAULA T. DOW
Attorney General

KIM GUADAGNO
Lt. Governor

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: Draeger Safety, Inc.

ANALYSIS DATE: 12/16/2011

BREATH ALCOHOL SIMULATOR SOLUTION LOT NUMBER: 11K096

Representative samples of the above-referenced Lot Number were tested by Gas Chromatography and found to have a mean ethyl alcohol concentration range of 0.1211 to 0.1217 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 23, 2013.

As Assistant 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.

Handwritten signature of Kenneth W. Kawalek

Kenneth W. Kawalek, M.S.
Assistant Chief Forensic Scientist
Division of State Police

Sworn to and subscribed before me this 3rd day of January, 2012.

Handwritten signature of Linda L. Desantis

Notary

Linda L. Desantis
Notary Public, New Jersey
My Commission Expires 8-17-14



Calibrating Unit

New Standard Solution Report

Equipment Alcotest 7110 MKIII-C Serial No.: ARXA-0067
Location: LONGPORT POLICE
Calibration File No.: 00554 Calib. Date: 05/16/2012 Calib. No.: 00017
Certification File No.: 00555 Cert. Date: 05/16/2012 Cert. No.: 00012
Linearity File No.: 00556 Lin. Date: 05/16/2012 Lin. No.: 00012
Solution File No.: 00562 Soln. Date: 06/14/2012 Soln. No.: 00126
Sequential File No.: 00562 File Date: 06/14/2012

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDXC S3-0135
Control Solution %: 0.100% Expires: 08/04/2012
Solution Control Lot: 10H081 Bottle No.: 0173

Function	Result	Time	Temperature	Comment(s)
	%BAC	HH:MM	Simulator (°C)	or Error(s)
Ambient Air Blank	0.000%	20:29D		
Control 1 EC	0.099%	20:29D	33.9°C	*** TEST PASSED ***
Control 1 IR	0.100%	20:29D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	20:30D		
Control 2 EC	0.098%	20:30D	33.9°C	*** TEST PASSED ***
Control 2 IR	0.100%	20:30D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	20:31D		
Control 3 EC	0.099%	20:32D	33.9°C	*** TEST PASSED ***
Control 3 IR	0.099%	20:32D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	20:32D		

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.

Changed By:

Last Name: SILVA

First Name: JAMES

MI: F

Signature: _____



Badge No.: 319

Date: 06/14/2012

Calibrating Unit New Standard Solution Report

Equipment	Alcotest 7110 MKIII-C	Serial No.: ARXA-0067
Location:	LONGPORT POLICE	
Calibration File No.:	00534	Calib. Date: 12/01/2011
Certification File No.:	00535	Calib. No.: 00016
Linearity File No.:	00536	Cert. Date: 12/01/2011
Solution File No.:	00552	Cert. No.: 00011
Sequential File No.:	00552	Lin. Date: 12/01/2011
		Lin. No.: 00011
		Soln. Date: 04/19/2012
		Soln. No.: 00124
		File Date: 04/19/2012
Calibrating Unit:	WET	Model No.: CU-34
Control Solution %:	0.100%	Serial No.: DDXC S3-0135
Solution Control Lot:	10H081	Expires: 08/04/2012
		Bottle No.: 0156

Function	Result	Time	Temperature	Comment(s)
	%BAC	HH:MM	Simulator (°C)	or Error(s)
Ambient Air Blank	0.000%	20:02D		
Control 1 EC	0.098%	20:02D	33.9°C	*** TEST PASSED ***
Control 1 IR	0.099%	20:02D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	20:03D		
Control 2 EC	0.097%	20:04D	33.9°C	*** TEST PASSED ***
Control 2 IR	0.099%	20:04D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	20:04D		
Control 3 EC	0.097%	20:05D	33.9°C	*** TEST PASSED ***
Control 3 IR	0.098%	20:05D	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	20:06D		

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.

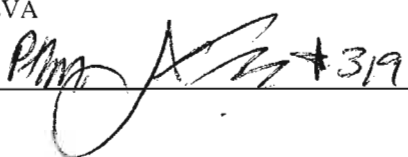
Changed By:

Last Name: SILVA

First Name: JAMES

MI: F

Signature: _____



Badge No.: 319

Date: 04/19/2012

Calibrating Unit

New Standard Solution Report

Equipment Alcotest 7110 MKIII-C Serial No.: ARXA-0067
Location: LONGPORT POLICE
Calibration File No.: 00534 Calib. Date: 12/01/2011 Calib. No.: 00016
Certification File No.: 00535 Cert. Date: 12/01/2011 Cert. No.: 00011
Linearity File No.: 00536 Lin. Date: 12/01/2011 Lin. No.: 00011
Solution File No.: 00550 Soln. Date: 03/22/2012 Soln. No.: 00123
Sequential File No.: 00550 File Date: 03/22/2012

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDXC S3-0135
Control Solution %: 0.100% Expires: 08/04/2012
Solution Control Lot: 10H081 Bottle No.: 0151

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	07:18S		
Control 1 EC	0.098%	07:19S	33.9°C	*** TEST PASSED ***
Control 1 IR	0.099%	07:19S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	07:19S		
Control 2 EC	0.098%	07:20S	33.9°C	*** TEST PASSED ***
Control 2 IR	0.099%	07:20S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	07:21S		
Control 3 EC	0.098%	07:21S	33.9°C	*** TEST PASSED ***
Control 3 IR	0.099%	07:21S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	07:22S		

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.

Changed By:

Last Name: SILVA

First Name: JAMES

MI: F

Signature: _____



Badge No.: 319

Date: 03/22/2012

Calibrating Unit

New Standard Solution Report

Equipment	Alcotest 7110 MKIII-C	Serial No.: ARXA-0067
Location:	LONGPORT POLICE	
Calibration File No.:	00534	Calib. Date: 12/01/2011
Certification File No.:	00535	Calib. No.: 00016
Linearity File No.:	00536	Cert. Date: 12/01/2011
Solution File No.:	00544	Cert. No.: 00011
Sequential File No.:	00544	Lin. Date: 12/01/2011
		Lin. No.: 00011
		Soln. Date: 02/23/2012
		Soln. No.: 00122
		File Date: 02/23/2012

Calibrating Unit: WET	Model No.: CU-34	Serial No.: DDXC S3-0135
Control Solution %: 0.100%		Expires: 08/04/2012
Solution Control Lot: 10H081		Bottle No.: 0174

Function	Result	Time	Temperature	Comment(s)
	%BAC	HH:MM	Simulator (°C)	or Error(s)
Ambient Air Blank	0.000%	20:13S		
Control 1 EC	0.099%	20:14S	33.9°C	*** TEST PASSED ***
Control 1 IR	0.098%	20:14S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	20:15S		
Control 2 EC	0.097%	20:15S	33.9°C	*** TEST PASSED ***
Control 2 IR	0.098%	20:15S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	20:16S		
Control 3 EC	0.098%	20:17S	33.9°C	*** TEST PASSED ***
Control 3 IR	0.098%	20:17S	33.9°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	20:17S		

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.

Changed By:

Last Name: SILVA

First Name: JAMES

MI: F

Signature: _____

[Handwritten Signature] # 319

Badge No.: 319

Date: 02/23/2012

Calibrating Unit New Standard Solution Report

Equipment Alcotest 7110 MKIII-C Serial No.: ARXA-0067
Location: LONGPORT POLICE
Calibration File No.: 00534 Calib. Date: 12/01/2011 Calib. No.: 00016
Certification File No.: 00535 Cert. Date: 12/01/2011 Cert. No.: 00011
Linearity File No.: 00536 Lin. Date: 12/01/2011 Lin. No.: 00011
Solution File No.: 00541 Soln. Date: 01/26/2012 Soln. No.: 00121
Sequential File No.: 00541 File Date: 01/26/2012

Calibrating Unit: WET Model No.: CU-34 Serial No.: DDXC S3-0135
Control Solution %: 0.100% Expires: 08/04/2012
Solution Control Lot: 10H081 Bottle No.: 0166

Function	Result %BAC	Time HH:MM	Temperature Simulator (°C)	Comment(s) or Error(s)
Ambient Air Blank	0.000%	10:27S		
Control 1 EC	0.101%	10:28S	34.0°C	*** TEST PASSED ***
Control 1 IR	0.099%	10:28S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:29S		
Control 2 EC	0.098%	10:29S	34.0°C	*** TEST PASSED ***
Control 2 IR	0.098%	10:29S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:30S		
Control 3 EC	0.099%	10:31S	34.0°C	*** TEST PASSED ***
Control 3 IR	0.099%	10:31S	34.0°C	*** TEST PASSED ***
Ambient Air Blank	0.000%	10:31S		

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.

Changed By:

Last Name: BAUMGARDNER

First Name: JOSEPH

MI: T

Signature:

Joseph T. Baumgardner #312 1/26/12

Badge No.: 312

Date: 01/26/2012