

Intoxilyzer 8000 Initial Inspection

Serial Number	80-004934
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A. Power On 5 min. countdown 1 min.

B. Security Checks. Level 1 Level 2 Level 3

C. Gas Cylinder Setup

D. Printer. Level 1 Func P Paper Feed Internal External

E. Display is working.

F. Configure Start Test Switch. Level 3 Func S Sub T

G. Setup Preliminary Data. Level 2 Func E

H. Configure General Setup. Level 3 Func S Sub G.

I. Configure Port. Level 3 Func S Sub N

J. Check Camera. ABA Mode Oper ID ND Lic. Hot Key "R"

K. Diagnostic Test. Level 2 Func D

L. Check Ser Num / Version Level 2 Func V
80-004934 Serial No. 8164.13 Version 1362.14 Display 7 CPLD

M. Detector Voltages. Level 3 Func D Sub D
3 12552 s 2 C 47.00
9 13017 s 5 B 45 0 RFI Ind.

N. Hot Keys
 F5 Tone
 F6 Green LED
 F7 Red LED
 F9 Fan
 F10 Pump
 F11 Sol Output

O. RFI Dectector

P. Atmospheric Monitor. Level 3 Func D Sub A. P 1014 CF 0.99

80-004934
5/23/09

08/09

OFFICE OF ATTORNEY GENERAL
 CRIME LABORATORY DIVISION
 Toxicology Section/Breath Alcohol Program
 Instrument Certification and Maintenance Unit

BrF-005-8

- Q. Flow Monitor. Level 3 Func D Sub F. R 242 F 0.000 L/s
- R. Temperature Monitor. Level 3 Func D Sub T
 C 47.0 A 47.0 I 0.0
 B 44.9 V 0.0
- S. Gas Tank Monitor. Level 3 Func D Sub G
 T. Configure Wet Bath Sim. Level 1 Func S
917 psi Intox 920 psi Reg
- U. Zero Alcohol Test Level 1 Func C
DR3409 Sim SN Lot 0.000 Rep Value
0.000 AC 0.000 AC 0.000 AC
- V. Low AC Test. Level 1 Func C
DR5144 Sim SN Lot 0.019 Rep Value
0.019 AC 0.020 AC 0.020 AC
- W. Linearity Test. Level 1 Func C
DR5187 Sim SN Lot 0.285 Rep Value
0.286 AC 0.286 AC 0.287 AC
- X. Interferent Test. Level 1 Func B
 Acetone DR3845 Sim SN Lot 0.05% Conc
 Display Printout
 Methanol 610573 Sim SN Lot 0.10% Conc
 Display Printout
 IPA DR5191 Sim SN Lot 0.10% Conc
 Display Printout
- Y. Ambient Test
1111 Display Printout
- Z. Invalid Sample Test
 Display Printout
- AA. RFI Detector Test. CMS Mode
 Display Printout
- BB. Configure Dry Gas Standard. Level 1 Func S
- CC. Stability Test at 0.080AC. Level 3 Func T Sub S
0.0790 Ave. 0.0005 Std Dev 0.59% Rel Std Dev
- DD. Maintenance/Repairs Re-Calibration

12 Mar 2010
 Date
15 Mar 2010
 Date

Deb Kashur
 Signature
Mary Pearson
 Reviewed by

08/09

80-004934
 4/23 PM

TOXL
 Intoxilyzer - Alcohol Analyzer
 Model 8000 SN 80-004934
 03/12/2010 11:16:23

Auto Calibration

pg 1 of 2

<<<<< 3um >>>>>			<<<<< 9um >>>>>		

Solution = 0.000 g/210L or 0.0000 mg/l, Samples = 4, Discarded = 1					
Sample	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)	
Sample #1	0.0520	(0.0110)	0.1660	(0.0040)	
Sample #2	0.1030	(0.0320)	0.1720	(-0.0020)	
Sample #3	0.0620	(0.0730)	0.1810	(0.0070)	
Sample #4	0.0410	(0.1020)	0.1770	(0.0110)	
Avg % Abs	0.0687	(0.0690)	0.1767	(0.0053)	
STD DEV	0.0315	(0.0352)	0.0045	(0.0067)	
REL STD DEV	45.922	(50.972)	2.552	(124.844)	

Solution = 0.040 g/210L or 0.1905 mg/l, Samples = 4, Discarded = 1					
Sample	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)	
Sample #1	0.7980	(0.0140)	1.5600	(-0.0220)	
Sample #2	0.8520	(0.0000)	1.6100	(-0.0130)	
Sample #3	0.8370	(0.0200)	1.6170	(-0.0120)	
Sample #4	0.8340	(0.0280)	1.6250	(-0.0130)	
Avg % Abs	0.8410	(0.0160)	1.6173	(-0.0127)	
STD DEV	0.0096	(0.0144)	0.0075	(0.0006)	
REL STD DEV	1.147	(90.139)	0.464	(4.558)	

Solution = 0.107 g/210L or 0.5095 mg/l, Samples = 4, Discarded = 1					
Sample	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)	
Sample #1	2.1060	(-0.0350)	4.0390	(-0.0230)	
Sample #2	2.0590	(0.0040)	4.0360	(0.0030)	
Sample #3	2.0660	(0.0150)	4.0640	(-0.0070)	
Sample #4	2.0800	(0.0150)	4.0450	(0.0020)	
Avg % Abs	2.0683	(0.0113)	4.0483	(-0.0007)	
STD DEV	0.0107	(0.0064)	0.0143	(0.0055)	
REL STD DEV	0.517	(56.037)	0.353	(826.136)	

Solution = 0.147 g/210L or 0.7000 mg/l, Samples = 4, Discarded = 1					
Sample	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)	
Sample #1	2.8200	(-0.0080)	5.3900	(0.0030)	
Sample #2	2.8220	(0.0140)	5.4480	(0.0040)	
Sample #3	2.8150	(0.0290)	5.4500	(0.0350)	
Sample #4	2.8660	(0.0180)	5.4800	(0.0030)	
Avg % Abs	2.8343	(0.0203)	5.4593	(0.0140)	
STD DEV	0.0276	(0.0078)	0.0179	(0.0182)	
REL STD DEV	0.975	(38.201)	0.328	(129.953)	

Solution = 0.285 g/210L or 1.3571 mg/l, Samples = 4, Discarded = 1					
Sample	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)	
Sample #1	5.3560	(0.0070)	10.1330	(0.0030)	
Sample #2	5.3990	(0.0060)	10.1530	(0.0220)	
Sample #3	5.3740	(0.0230)	10.1710	(0.0210)	
Sample #4	5.3850	(0.0120)	10.1660	(0.0440)	
Avg % Abs	5.3860	(0.0137)	10.1633	(0.0290)	
STD DEV	0.0125	(0.0086)	0.0093	(0.0130)	
REL STD DEV	0.233	(63.085)	0.091	(44.828)	

*Calibration
 Deb Kashur
 P. 10/2*

80-004934
 7/23 FL

TOXL
 Intoxilyzer - Alcohol Analyzer
 Model 8000 SN 80-004934
 PPPP 0>3A
 Zero Order Coef -189.22 -213.25
 PP

Act (g/210L)	Fit (g/210L)	Residual (g/210L)	Act (g/210L)	Fit (g/210L)	Residual (g/210L)
0.000	-0.000	0.0003	0.000	0.000	-0.0003
0.040	0.041	-0.0007	0.040	0.040	0.0005
0.107	0.106	0.0007	0.107	0.107	-0.0001
0.147	0.147	-0.0003	0.147	0.147	-0.0001
0.285	0.285	-0.0000	0.285	0.285	0.0001

<<<<< 3um >>>>> <<<<< 9um >>>>>

Solution = 0.080 g/210L or 0.3810 mg/l, Samples = 4, Discarded = 1

Sample	3um	9um
Sample #1	3168.00	3145.00
Sample #2	3038.00	3139.00
Sample #3	3101.00	3183.00
Sample #4	3094.00	3179.00
Avg	3077.6667	3167.0000
STD DEV	34.5302	24.3311
REL STD DEV	1.122	0.768
H2O adjust (mg/l*10k)	732	642

Atmospheric Pressure = 1014

*****CALIBRATION SUCCESSFUL*****

*Calibration
 Deb Kashur
 p. 2 of 2*

80-004934
 8/23 KH

Intoxilyzer Test Record and Checklist
NDOCAG Crime Lab. Div., Bismarck, ND 58501

CMI, Inc. Intoxilyzer Alcohol Analyzer
North Dakota Model 8000 SN 80-004934
Location = TOXL 8164.13.00 06/09
03/12/2010 13:29

***** Printer Test *****

12 char/line
abcdefghijkl
ABCDEFGHIJKL

16 char per line
abcdefghijklmnop
ABCDEFGHIJKLMN

21 chars per line
abcdefghijklmnopqrstu
ABCDEFGHIJKLMN

24 characters per line
abcdefghijklmnopqrstuwx
ABCDEFGHIJKLMN

32 characters per line
abcdefghijklmnopqrstuwx123456
ABCDEFGHIJKLMN

42 characters per line
abcdefghijklmnopqrstuwx1234567890abcde
ABCDEFGHIJKLMN

Current Instrument Setup
Data Entry Mode: Enabled
Start Test Sequence: DABACABA
Display Prelim Rslt? Yes
Display Third Digit? Yes
Inhib Printer(Y/N)? No
Display Volume? No
Disable On MenFull? No
of Print Copies? 1
Select Std (D/W/L)? Dry
Standard Value? 0.000
Standard Lot #? 709352
Standard Cyl #? 22
Standard Expiration? 12/23/2011
Oper No? 777777

Flow Cal. Date: 01/20/2010
Slope 698
Intercept -694859

IR Calibration Date: 03/12/2010
3um 9um

0th Coef(*100):	-18922	-21325
1st Coef(*100):	252748	128359
2nd Coef(*100):	509	713
H2O adj(mg/l*10K):	732	642

***** Test End *****

Deb Kasher

Operator Signature
DEB KASHUR

Remarks:

Print dist

Form 106-18000

80-004934
9/23 KFL

Intoxilyzer Test Record and Checklist
NDOAG Crime Lab. Div., Bismarck, ND 58501

CMI, Inc. Intoxilyzer Alcohol Analyzer
North Dakota Model 8000 SN 80-004934
Location = TOXL 8164.13.00 06/09
03/12/2010 13:35

Test	AC	Time
01 Room Air	0.000	13:35
02 *Subject Test	REF*	13:35
03 Room Air	0.000	13:36

*Subject Test Refused

Sub Name = DISCOVER, THE SPIRIT
Sub DOB = 02/01/1992
Sub Sex = Female Weight = 150
Test = DUI Cit = NA
Dr. Lic. = ND/DIS921456
Lot No = 709352
Cyl No = 22
Expiration Date = 12/23/2011
County = 08 Oper No. = 777777

Deb Kasher

Operator Signature
DEB KASHUR

Remarks:

Camera/Refusal check

Form 106-I8000

80-004934
11/23 KHL

Intoxilyzer Test Record and Checklist
NDOAG Crime Lab. Div., Bismarck, ND 58501

CMI, Inc. Intoxilyzer Alcohol Analyzer
North Dakota Model 8000 SN 80-004934
Location = TOXL 8164.13.00 06/09
03/12/2010 13:36

DIAGNOSTIC

Voltage/Current Test	Pass
RAM Test	Pass
EEPROM Checksum Test	Pass
Real Time Clock Test	Pass
DSP Test	Pass
Analytical Stability Test	Pass
Modem Test	Pass
Temp Regulation Test	Pass

Oper No. = 777777

Deb Kashur

Operator Signature
DEB KASHUR

Remarks:

Diagnostic test

Form 106-I8000

80-004934
12/23 FKL

Intoxilyzer Test Record and Checklist
NDOAG Crime Lab. Div., Bismarck, ND 58501

CMI, Inc. Intoxilyzer Alcohol Analyzer
North Dakota Model 8000 SN 80-004934
Location = TOXL 8164.13.00 06/09
03/12/2010 13:49

WET CAL CHECK

Test	AC	Time
01 Room Air	0.000	13:50
02 Std. Sol.	0.000	13:51
03 Room Air	0.000	13:51
04 Std. Sol.	0.000	13:52
05 Room Air	0.000	13:53
06 Std. Sol.	0.000	13:53
07 Room Air	0.000	13:54

08 Sim Temp = 34.0°C

Simul Ser No = 00000

Std Sol No = 000

County = 08

Oper No. = 777777

Deb Kashur

Operator Signature
DEB KASHUR

Remarks:

DK
low *zero alcohol* *0.000 AC*

Form 106-I8000

80-004934
12/23 KH

Intoxilyzer Test Record and Checklist
NDOAG Crime Lab. Div., Bismarck, ND 58501

CMI, Inc. Intoxilyzer Alcohol Analyzer
North Dakota Model 8000 SN 80-004934
Location = TOXL 8164.13.00 06/09
03/12/2010 14:16

WET CAL CHECK

Test	AC	Time
01 Room Air	0.000	14:17
02 Std. Sol.	0.019	14:18
03 Room Air	0.000	14:18
04 Std. Sol.	0.020	14:19
05 Room Air	0.000	14:20
06 Std. Sol.	0.020	14:20
07 Room Air	0.000	14:21

08 Sim Temp = 34.0°C

Simul Ser No = 00000

Std Sol No = 000

County = 08

Oper No. = 777777

Deb Kashur

Operator Signature
DEB KASHUR

Remarks:

Low Ac 0.019 AC

Form 106-I8000

80-004934
12/23 *AK*

Intoxilyzer Test Record and Checklist
NDOAG Crime Lab. Div., Bismarck, ND 58501

CMI, Inc. Intoxilyzer Alcohol Analyzer
North Dakota Model 8000 SN 80-004934
Location = TOXL 8164.13.00 06/09
03/12/2010 14:05

WET CAL CHECK

Test	AC	Time
01 Room Air	0.000	14:06
02 Std. Sol.	0.286	14:07
03 Room Air	0.000	14:07
04 Std. Sol.	0.286	14:08
05 Room Air	0.000	14:09
06 Std. Sol.	0.287	14:09
07 Room Air	0.000	14:10

08 Sim Temp = 34.0°C

Simul Ser No = 00000

Std Sol No = 000

County = 08

Oper No. = 777777

Deb Kashur

Operator Signature
DEB KASHUR

Remarks:

Linearity test 0.285 AC

Form 106-I8000

80-004934
15/23 FM

Intoxilyzer Test Record and Checklist
NDOAG Crime Lab. Div., Bismarck, ND 58501

CMI, Inc. Intoxilyzer Alcohol Analyzer
North Dakota Model 8000 SN 80-004934
Location = TOXL 8164.13.00 06/09
03/12/2010 14:28

Test	AC	Time
01 Room Air	0.000	14:28
02 *Subject Test	INT*	14:29
03 Room Air	0.000	14:29

*Invalid Test
Interferent Detected

Sub Name = DISCOVER, THE SPIRIT
Sub DOB = 02/01/1992
Sub Sex = Female Weight = 150
Test = DUI Cit = NA
Dr. Lic. = ND/DIS921456
Lot No = 709352
Cyl No = 22
Expiration Date = 12/23/2011
County = 08 Oper No. = 777777

Deb Kashur

Operator Signature
DEB KASHUR

Remarks:

Acetone interferent

Form 106-I8000

80-004934
12/23 JA

Intoxilyzer Test Record and Checklist
NDOAG Crime Lab. Div., Bismarck, ND 58501

CMI, Inc. Intoxilyzer Alcohol Analyzer
North Dakota Model 8000 SN 80-004934
Location = TOXL 8164.13.00 06/09
03/12/2010 14:30

Test	AC	Time
01 Room Air	0.000	14:31
02 *Subject Test	INT*	14:31
03 Room Air	0.000	14:32

*Invalid Test
Interferent Detected

Sub Name = DISCOVER, THE SPIRIT
Sub DOB = 02/01/1992
Sub Sex = Female Weight = 150
Test = DUI Cit = NA
Dr. Lic. = ND/DIS921456
Lot No = 709352
Cyl No = 22
Expiration Date = 12/23/2011
County = 08 Oper No. = 777777

Deb Kasher

Operator Signature
DEB KASHUR

Remarks:

Methanol interferent

Form 106-I8000

80-004934
12/23 KAL

Intoxilyzer Test Record and Checklist
NDOAG Crime Lab. Div., Bismarck, ND 58501

CMI, Inc. Intoxilyzer Alcohol Analyzer
North Dakota Model 8000 SN 80-004934
Location = TOXL 8164.13.00 06/09
03/12/2010 14:32

Test	AC	Time
01 Room Air	0.000	14:33
02 *Subject Test	INT*	14:33
03 Room Air	0.000	14:34

*Invalid Test
Interferent Detected

Sub Name = DISCOVER, THE SPIRIT
Sub DOB = 02/01/1992
Sub Sex = Female Weight = 150
Test = DUI Cit = NA
Dr. Lic. = ND/DIS921456
Lot No = 709352
Cyl No = 22
Expiration Date = 12/23/2011
County = 08 Oper No. = 777777

Deb Kashur

Operator Signature
DEB KASHUR

Remarks:

IPA interferent

Form 106-I8000

80-004934
18/33 KKL

Intoxilyzer Test Record and Checklist
NDOAG Crime Lab. Div., Bismarck, ND 58501

CMI, Inc. Intoxilyzer Alcohol Analyzer
North Dakota Model 8000 SN 80-004934
Location = TOXL 8164.13.00 06/09
03/12/2010 15:19

Test	AC	Time
01 Room Air	AMB*	15:19
02 Room Air	0.000	15:20

*Invalid Test
Check Ambient Conditions

Sub Name = DISCOVER, THE SPIRIT
Sub DOB = 02/01/1992
Sub Sex = Female Weight = 150
Test = DUI Cit = NA
Dr. Lic. = ND/DIS921456
Lot No = 709352
Cyl No = 22
Expiration Date = 12/23/2011
County = 08 Oper No. = 777777

Deb Kasher

Operator Signature
DEB KASHUR

Remarks:

Ambient fail test

Form 106-I8000

80-004934
19/23 FAL

Intoxilyzer Test Record and Checklist
NDOAG Crime Lab. Div., Bismarck, ND 58501

CMI, Inc. Intoxilyzer Alcohol Analyzer
North Dakota Model 8000 SN 80-004934
Location = TOXL 8164.13.00 06/09
03/12/2010 15:24

Test	AC	Time
01 Room Air	0.000	15:25
02 Invalid Sample	X.XXX	15:25
03 Room Air	0.000	15:26

*Invalid Test - Mouth Alcohol

Sub Name = DISCOVER, THE SPIRIT
Sub DOB = 02/01/1992
Sub Sex = Female Weight = 150
Test = DUI Cit = NA
Dr. Lic. = ND/DIS921456
Lot No = 709352
Cyl No = 22
Expiration Date = 12/23/2011
County = 08 Oper No. = 777777

Deb Kashur

Operator Signature
DEB KASHUR

Remarks:

Invalid sample test

Form 106-I8000

80-004934
2/23/11

Intoxilyzer Test Record and Checklist
NDOAG Crime Lab. Div., Bismarck, ND 58501

CMI, Inc. Intoxilyzer Alcohol Analyzer
North Dakota Model 8000 SN 80-004934
Location = TOXL 8164.13.00 06/09
03/12/2010 15:27

Test	AC	Time
01 Diagnostic	OK	15:28
02 Room Air	RFI*	15:28
03 Room Air	0.000	15:28

*Invalid Test
Inhibited - RFI

Sub Name = DISCOVER, THE SPIRIT
Sub DOB = 02/01/1992
Sub Sex = Female Weight = 150
Test = DUI Cit = NA
Dr. Lic. = ND/DIS921456
Lot No = 709352
Cyl No = 22
Expiration Date = 12/23/2011
County = 08 Oper No. = 777777

I followed the Approved Method and the instructions displayed by the Intoxilyzer in conducting this test.

Deb Kashur

Operator Signature
DEB KASHUR

Remarks:

RFI test

Form 106-I8000

80-004934
2/23 YLH

Intoxilyzer Test Record and Checklist
NDOAG Crime Lab. Div., Bismarck, ND 58501

CMI, Inc. Intoxilyzer Alcohol Analyzer
North Dakota Model 8000 SN 80-004934
Location = TOXL 8164.13.00 06/09
03/12/2010 15:38

Test	AC	Time
01 Room Air	0.000	15:39
02 Std. Gas	0.079	15:39
03 Room Air	0.000	15:40
04 Std. Gas	0.079	15:40
05 Room Air	0.000	15:41
06 Std. Gas	0.079	15:41
07 Room Air	0.000	15:42
08 Std. Gas	0.079	15:42
09 Room Air	0.000	15:42
10 Std. Gas	0.079	15:43
11 Room Air	0.000	15:43
12 Std. Gas	0.078	15:44
13 Room Air	0.000	15:44
14 Std. Gas	0.079	15:45
15 Room Air	0.000	15:45
16 Std. Gas	0.079	15:45
17 Room Air	0.000	15:46
18 Std. Gas	0.079	15:46
19 Room Air	0.000	15:47
20 Std. Gas	0.079	15:47
21 Room Air	0.000	15:48
22 Std. Gas	0.079	15:48
23 Room Air	0.000	15:48
24 Std. Gas	0.079	15:49
25 Room Air	0.000	15:49
26 Std. Gas	0.079	15:50
27 Room Air	0.000	15:50
28 Std. Gas	0.080	15:51
29 Room Air	0.000	15:51
30 Std. Gas	0.079	15:51
31 Room Air	0.000	15:52
32 Std. Gas	0.080	15:52
33 Room Air	0.000	15:53
34 Std. Gas	0.079	15:53
35 Room Air	0.000	15:54
36 Std. Gas	0.078	15:54
37 Room Air	0.000	15:55
38 Std. Gas	0.079	15:55
39 Room Air	0.000	15:55
40 Std. Gas	0.079	15:56
41 Room Air	0.000	15:56
42 Cal Check Stats:		
43 Average	0.0790	
44 Std Dev	0.0005	
45 Rel Std Dev	0.59%	

*Stability test
Deb Kashner
p. 1072*

*80-004934
2/23 KAK*

Operator Signature
DEB KASHUR

Remarks:

Lot #: 709352 Cyl #: 22 Exp. date: 23 Dec 2011

Form 106-I8000

Stability Test
Deb Kashur
p. 2072

80-004934
23/23 KLR