

Intoxilyzer 8000 Initial Inspection

Serial Number 80-004950

- 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
80-004950 Serial No. 8164.13 Version 1362.14 Display 7 CPLD
- M. Detector Voltages. Level 3 Func D Sub D
3 12936 s 2 C 47.00
9 13258 s 1 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 1013 CF 0.99

08/09

80-004950
4/24 KM

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 213 F 0.000 L/s
- R. Temperature Monitor. Level 3 Func D Sub T
 C 47.0 A 47.5 I 0.0
 B 45.0 V 0.0
- S. Gas Tank Monitor. Level 3 Func D Sub G 452 psi Intox 460 psi Reg
- T. Configure Wet Bath Sim. Level 1 Func S
- 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
0.018 AC 0.018 AC 0.018 AC
- W. Linearity Test. Level 1 Func C
 DR5187 Sim SN Lot 0.285 Rep Value
0.284 AC 0.284 AC 0.286 AC
- X. Interferent Test.
 Level 1 Func B
 Acetone DR 3845 Sim SN Lot 0.05% Conc
 Display Printout
 Methanol 16573 Sim SN Lot 0.10% Conc
 Display Printout
 IPA DR5191 Sim SN Lot 0.10% Conc
 Display Printout
- Y. Ambient Test
 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
0.0797 Ave. 0.0005 Std Dev 0.59 Rel Std Dev
- DD. Maintenance/Repairs Recalibrated. Recalibrated the tank sensor.

12 Feb 2010
 Date
15 Feb 2010
 Date MAP

Deb Kashner
 Signature
Maryn Olson
 Reviewed by

TOXL
 Intoxilyzer - Alcohol Analyzer
 Model 8000 SN 80-004950
 02/11/2010 16:07:34

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	0.1380	(-0.0180)		0.2840	(-0.0210)		
Sample #2	0.0930	(0.0150)		0.2670	(-0.0190)		
Sample #3	0.1000	(0.0230)		0.2450	(0.0000)		
Sample #4	0.1070	(0.0240)		0.2610	(0.0020)		
Avg % Abs	0.1000	(0.0207)		0.2577	(-0.0057)		
STD DEV	0.0070	(0.0049)		0.0114	(0.0116)		
REL STD DEV	7.000	(23.869)		4.414	(204.533)		
Solution = 0.040 g/210L or 0.1905 mg/l, Samples = 4, Discarded = 1							
Sample	% Abs	(% Abs Ref)		% Abs	(% Abs Ref)		
Sample #1	0.8000	(0.0040)		1.6610	(0.0110)		
Sample #2	0.7870	(0.0250)		1.5900	(0.0790)		
Sample #3	0.8250	(0.0100)		1.5810	(0.0990)		
Sample #4	0.8210	(0.0140)		1.5720	(0.1000)		
Avg % Abs	0.8110	(0.0163)		1.5810	(0.0927)		
STD DEV	0.0209	(0.0078)		0.0090	(0.0118)		
REL STD DEV	2.575	(47.556)		0.569	(12.784)		
Solution = 0.107 g/210L or 0.5095 mg/l, Samples = 4, Discarded = 1							
Sample	% Abs	(% Abs Ref)		% Abs	(% Abs Ref)		
Sample #1	1.9200	(0.0080)		3.6660	(-0.0320)		
Sample #2	1.9280	(0.0140)		3.7260	(-0.0470)		
Sample #3	1.9680	(0.0050)		3.7220	(-0.0380)		
Sample #4	1.9730	(0.0070)		3.7500	(-0.0380)		
Avg % Abs	1.9563	(0.0087)		3.7327	(-0.0410)		
STD DEV	0.0247	(0.0047)		0.0151	(0.0052)		
REL STD DEV	1.261	(54.529)		0.406	(12.674)		
Solution = 0.147 g/210L or 0.7000 mg/l, Samples = 4, Discarded = 1							
Sample	% Abs	(% Abs Ref)		% Abs	(% Abs Ref)		
Sample #1	2.6310	(-0.0230)		4.8470	(-0.0590)		
Sample #2	2.6320	(-0.0240)		4.9530	(-0.1040)		
Sample #3	2.6170	(-0.0010)		5.0270	(-0.1250)		
Sample #4	2.6440	(-0.0050)		5.0650	(-0.1410)		
Avg % Abs	2.6310	(-0.0100)		5.0150	(-0.1233)		
STD DEV	0.0135	(0.0123)		0.0570	(0.0186)		
REL STD DEV	0.514	(122.882)		1.136	(15.046)		
Solution = 0.285 g/210L or 1.3571 mg/l, Samples = 4, Discarded = 1							
Sample	% Abs	(% Abs Ref)		% Abs	(% Abs Ref)		
Sample #1	4.9800	(-0.0140)		9.3470	(0.0200)		
Sample #2	4.9880	(0.0120)		9.3770	(0.0340)		
Sample #3	4.9850	(0.0220)		9.3650	(0.0680)		
Sample #4	5.0360	(-0.0130)		9.4050	(0.0450)		
Avg % Abs	5.0030	(0.0070)		9.3823	(0.0490)		
STD DEV	0.0286	(0.0180)		0.0205	(0.0173)		
REL STD DEV	0.572	(257.539)		0.219	(35.407)		

*Calibration
 Deb Kashin
 p. 1 of 2*

*80-004950
 8/24 FM*

TOXL
 Intoxilyzer - Alcohol Analyzer
 Model 8000 SN 80-004950
 PPPP 0>3A
 Zero Order Coef -297.62 -384.64
 PP

Act (g/210L)	Fit (g/210L)	Residual (g/210L)	Act (g/210L)	Fit (g/210L)	Residual (g/210L)
0.000	-0.000	0.0005	0.000	-0.000	0.0002
0.040	0.041	-0.0007	0.040	0.040	-0.0004
0.107	0.107	-0.0002	0.107	0.107	0.0001
0.147	0.146	0.0005	0.147	0.147	0.0001
0.285	0.285	-0.0001	0.285	0.285	-0.0000

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

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

Sample	3um	9um
Sample #1	3085.00	3156.00
Sample #2	3064.00	3182.00
Sample #3	3133.00	3198.00
Sample #4	3057.00	3166.00
Avg	3084.6667	3182.0000
STD DEV	42.0040	16.0000
REL STD DEV	1.362	0.503
H2O adjust (mg/l*10k)	725	627

Atmospheric Pressure = 1013

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

*Calibration
 Deb Kashner
 p-2 of 2*

80-004950
 9/24 KM

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

CMI, Inc. Intoxilyzer Alcohol Analyzer
North Dakota Model 8000 SN 80-004950
Location = TOXL 8164.13.00 06/09
02/12/2010 08:17

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

12 char/line
abcdefghijkl
ABCDEFGHIJKL

16 char per line
abcdefghijklmnop
ABCDEFGHIJKLMNPO

21 chars per line
abcdefghijklmnopqrstu
ABCDEFGHIJKLMNOPQRSTU

24 characters per line
abcdefghijklmnopqrstuwx
ABCDEFGHIJKLMNOPQRSTUWX

32 characters per line
abcdefghijklmnopqrstuwx123456
ABCDEFGHIJKLMNOPQRSTUWXYZ123456

42 characters per line
abcdefghijklmnopqrstuwx1234567890abcdef
ABCDEFGHIJKLMNOPQRSTUWXYZ1234567890ABCDEF

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/I)? Dry
Standard Value? 0.080
Standard Lot #? 666180
Standard Cyl #? 54
Standard Expiration? 09/21/2011
Oper No? 777777

Flow Cal. Date: 01/18/2010
Slope 774
Intercept -908904

IR Calibration Date: 02/11/2010
Sun Sun

0th Coef(*100):	-29762	-38464
1st Coef(*100):	275393	145322
2nd Coef(*100):	383	366
H2O adj(mg/l*10K):	725	627

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


Operator Signature
DEB KASHUR

Remarks:

Print test
Form 106-18000

80-004950
10/24 KM

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

CMI, Inc. Intoxilyzer Alcohol Analyzer
North Dakota Model 8000 SN 80-004950
Location = TOXL 8164.13.00 06/09
02/12/2010 08:21

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

abcdefghijklmnopqrstuvwxyz1234567890-=_|
ABCDEFGHIJKLMNOPQRSTUVWXYZ!@#%&^*()_+?

abcdefghijklmnopqrstuvwxyz1234567890-=_|
ABCDEFGHIJKLMNOPQRSTUVWXYZ!@#%&^*()_+?

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 Memfull? No
of Print Copies? 1
Select Std (D/W/I)? Dry
Standard Value? 0.080
Standard Lot #? 668180
Standard Cyl #? 54
Standard Expiration? 09/21/2011
Oper No? 777777

Flow Cal. Date: 01/18/2010
Slope 774
Intercept -908904

IR Calibration Date: 02/11/2010
 3um 9um

0th Coef(*100): -29762 -38464
1st Coef(*100): 275393 145322
2nd Coef(*100): 383 366
H2O adj(mg/l*10k): 725 627

***** Printer Test End *****

Deb Kasher

Operator Signature
DEB KASHUR

Remarks:

Print test

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

CMI, Inc. Intoxilyzer Alcohol Analyzer
North Dakota Model 8000 SN 80-004950
Location = TOXL 8164.13.00 06/09
02/12/2010 08:40

Test	AC	Time
01 Room Air	0.000	08:40
02 *Subject Test	REF*	08:40
03 Room Air	0.000	08:41

*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 = 668180
Cyl No = 54
Expiration Date = 09/21/2011
County = 08 Oper No. = 777777

Deb Kasher

Operator Signature
DEB KASHUR

Remarks:

DK
~~Diagnostic test~~ camera/Refusal check

Form 106-I8000

80-004950
12/24 FM

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

CMI, Inc. Intoxilyzer Alcohol Analyzer
North Dakota Model 8000 SN 80-004950
Location = TOXL 8164.13.00 06/09
02/12/2010 08:41

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

80-004950
13/34 1972

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

CMI, Inc. Intoxilyzer Alcohol Analyzer
North Dakota Model 8000 SN 80-004950
Location = TOXL 8164.13.00 06/09
02/12/2010 08:56

WET CAL CHECK

Test	AC	Time
01 Room Air	0.000	08:56
02 Std. Sol.	0.000	08:57
03 Room Air	0.000	08:57
04 Std. Sol.	0.000	08:58
05 Room Air	0.000	08:59
06 Std. Sol.	0.000	08:59
07 Room Air	0.000	09:00

08 Sim Temp = 34.0°C

Simul Ser No = 00000

Std Sol No = 000

County = 08

Oper No. = 777777

Deb Kasher

Operator Signature
DEB KASHUR

Remarks:

Zero alcohol 0.000 AC

Form 106-I8000

80-004950
12/24/10

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

CMI, Inc. Intoxilyzer Alcohol Analyzer
North Dakota Model 8000 SN 80-004950
Location = TOXL 8164.13.00 06/09
02/12/2010 09:01

WET CAL CHECK

Test	AC	Time
01 Room Air	0.000	09:01
02 Std. Sol.	0.018	09:02
03 Room Air	0.000	09:03
04 Std. Sol.	0.018	09:03
05 Room Air	0.000	09:04
06 Std. Sol.	0.018	09:04
07 Room Air	0.000	09:05

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 0.018AC

Form 106-I8000

80-004950
15/24/11

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

CMI, Inc. Intoxilyzer Alcohol Analyzer
North Dakota Model 8000 SN 80-004950
Location = TOXL 8164.13.00 06/09
02/12/2010 09:12

WET CAL CHECK

Test	AC	Time
01 Room Air	0.000	09:13
02 Std. Sol.	0.284	09:25
03 Room Air	0.000	09:25
04 Std. Sol.	0.284	09:26
05 Room Air	0.000	09:26
06 Std. Sol.	0.286	09:27
07 Room Air	0.000	09:28

08 Sim Temp = 34.0°C

Simul Ser No = 00000

Std Sol No = 000

County = 08

Oper No. = 77777

Deb Kasher

Operator Signature
DEB KASHUR

Remarks:

Linearity test 0.285 AC

Form 106-18000

80-004950
10/24 KM

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

CMI, Inc. Intoxilyzer Alcohol Analyzer
North Dakota Model 8000 SN 80-004950
Location = TOXL 8164.13.00 06/09
02/12/2010 10:01

Test	AC	Time
01 Room Air	0.000	10:01
02 *Subject Test	INT*	10:02
03 Room Air	0.000	10:02

*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 = 54
Cyl No = 668180
Expiration Date = 09/21/2011
County = 08 Oper No. = 777777

Deb Kasher
Operator Signature
DEB KASHUR

Remarks:

-
acetone interferent

Form 106-I8000

80-004950
12/24 FM

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

CMI, Inc. Intoxilyzer Alcohol Analyzer
North Dakota Model 8000 SN 80-004950
Location = TOXL 8164.13.00 06/09
02/12/2010 10:06

Test	AC	Time
01 Room Air	0.000	10:07
02 *Subject Test	INT*	10:07
03 Room Air	0.000	10:08

*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 = 54
Cyl No = 668180
Expiration Date = 09/21/2011
County = 08 Oper No. = 777777

Deb Kashur
Operator Signature
DEB KASHUR

Remarks:

Methanol interferent

Form 106-18000

80-004950
1/24 FR

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

CMI, Inc. Intoxilyzer Alcohol Analyzer
North Dakota Model 8000 SN 80-004950
Location = TOXL 8164.13.00 06/09
02/12/2010 10:09

Test	AC	Time
01 Room Air	0.000	10:09
02 *Subject Test	INT*	10:10
03 Room Air	0.000	10:10

*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 = 54
Cyl No = 668180
Expiration Date = 09/21/2011
County = 08 Oper No. = 777777

Deb Kashur

Operator Signature
DEB KASHUR

Remarks:

1 PA interferent

Form 106-I8000

80-004950
19/04 FM

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

CMI, Inc. Intoxilyzer Alcohol Analyzer
North Dakota Model 8000 SN 80-004950
Location = TOXL 8164.13.00 06/09
02/12/2010 10:11

Test	AC	Time
01 Room Air	AMB*	10:12
02 Room Air	0.000	10:13

*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 = 54
Cyl No = 668180
Expiration Date = 09/21/2011
County = 08 Oper No. = 777777

Deb Kashur

Operator Signature
DEB KASHUR

Remarks:

ambient test

Form 106-I8000

80-004950
2/12/11 KM

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

CMI, Inc. Intoxilyzer Alcohol Analyzer
North Dakota Model 8000 SN 80-004950
Location = TOXL 8164.13.00 06/09
02/12/2010 10:16

Test	AC	Time
01 Room Air	0.000	10:17
02 Invalid Sample	X.XXX	10:17
03 Room Air	0.000	10:18

*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 = 54
Cyl No = 668180
Expiration Date = 09/21/2011
County = 08 Oper No. = 777777



Operator Signature
DEB KASHUR

Remarks:

Invalid sample test

Form 106-I8000

80-004950
2/24 KM

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

CMI, Inc. Intoxilyzer Alcohol Analyzer
North Dakota Model 8000 SN 80-004950
Location = TOXL 8164.13.00 06/09
02/12/2010 10:20

Test	AC	Time
01 Diagnostic	OK	10:21
02 Room Air	RFI*	10:21
03 Room Air	0.000	10:21

*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 = 54
Cyl No = 668180
Expiration Date = 09/21/2011
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

80-004950
22/24 RLR

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

CMI, Inc. Intoxilyzer Alcohol Analyzer
North Dakota Model 8000 SN 80-004950
Location = TOXL 8164.13.00 06/09
02/12/2010 09:37

Test	AC	Time
01 Room Air	0.000	09:37
02 Std. Gas	0.079	09:38
03 Room Air	0.000	09:38
04 Std. Gas	0.080	09:39
05 Room Air	0.000	09:39
06 Std. Gas	0.080	09:39
07 Room Air	0.000	09:40
08 Std. Gas	0.080	09:40
09 Room Air	0.000	09:41
10 Std. Gas	0.080	09:41
11 Room Air	0.000	09:42
12 Std. Gas	0.080	09:42
13 Room Air	0.000	09:43
14 Std. Gas	0.080	09:43
15 Room Air	0.000	09:43
16 Std. Gas	0.079	09:44
17 Room Air	0.000	09:44
18 Std. Gas	0.080	09:45
19 Room Air	0.000	09:45
20 Std. Gas	0.080	09:45
21 Room Air	0.000	09:46
22 Std. Gas	0.080	09:46
23 Room Air	0.000	09:47
24 Std. Gas	0.080	09:47
25 Room Air	0.000	09:48
26 Std. Gas	0.080	09:48
27 Room Air	0.000	09:49
28 Std. Gas	0.079	09:49
29 Room Air	0.000	09:49
30 Std. Gas	0.079	09:50
31 Room Air	0.000	09:50
32 Std. Gas	0.079	09:51
33 Room Air	0.000	09:51
34 Std. Gas	0.079	09:52
35 Room Air	0.000	09:52
36 Std. Gas	0.080	09:52
37 Room Air	0.000	09:53
38 Std. Gas	0.080	09:53
39 Room Air	0.000	09:54
40 Std. Gas	0.080	09:54
41 Room Air	0.000	09:55
42 Cal Check Stats:		
43 Average	0.0797	
44 Std Dev	0.0005	
45 Rel Std Dev	0.59%	

*Stability test
Deb Kashner
p. 1 of 2*

*80-004950
2/24 PM*

Operator Signature
DEB KASHUR

Remarks:

Lot #: 668180

Exp #: 54

exp. date: 09/21/2011

Form 106-I8000

Stability test
Deb Kashur
p. 2 of 2

80-004950
2/24/11