

**INTOXILYZER 8000  
REPAIR AND MAINTENANCE**

Serial No.: 80-004204

Location: TOXL

Check When Done

1. Is a three-pronged grounded outlet used? ✓
2. Is the warm-up time less than 20 minutes? ✓
3. Is the breath tube heated? ✓
4. Is the diagnostic check complete? ✓
5. Is the time, date, and year correct (re-set if necessary)? ✓
6. Print test. (Attach test record.) ✓
7. Calibration Check. Use Ethanol Breath Standard (EBS). Do three sets in ACA mode. (Attach test records.)

Lot No. 11611080A2 Cylinder No. 123 Expir. Date 06/01/2013

Test 1 0.079 Test 4 0.079 Test 7 0.079

Test 2 0.079 Test 5 0.079 Test 8 0.079

Test 3 0.079 Test 6 0.080 Test 9 0.079

Average 0.079

8. Low AC. Use  $< 0.03$  AC in ACA mode. (Attach test record.) ✓
9. Linearity Test. Use  $\geq 0.25$  AC in ACA mode. (Attach test record.) ✓
10. Interferent check. Use 0.05% acetone plus 0.10 AC ethanol in ABA mode. (Attach test record.) ✓
11. RFI check. Run CMS mode. Key radio on first room air. (Attach test record.) ✓

08-09

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vm

Electrical Repairs:

1. Was the calibration adjusted/performed? (Attach test record.) YES
2. Was the light source changed? NO
3. Was the sample chamber cleaned? NO

Other Maintenance/Repairs:

1. Was the printer cleaned/repaired? NO
2. Was the solenoid cleaned? NO
3. Was new tubing installed? NO
4. Were additional parts replaced/changed/repaired? YES

5. Remarks/Maintenance record: Recalibration and replaced gas cylinder regulator.

14 July 2011  
Date

7-15-11  
Date

Deb Kashner  
Field Inspector's Signature

Ashley Boyd  
Reviewed by

TOXL  
 Intoxilyzer - Alcohol Analyzer  
 Model 8000 SN 80-004204  
 07/14/2011 09:42:38

Auto Calibration

	<<<<< 3um >>>>>		<<<<< 9um >>>>>	
	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)
-----				
Solution = 0.000 g/210L or 0.0000 mg/l, Samples = 4, Discarded = 1				
Sample #1	0.0310	(0.0000)	0.0170	(0.0000)
Sample #2	0.0260	(0.0230)	0.0140	(0.0080)
Sample #3	0.0470	(0.0240)	0.0140	(0.0050)
Sample #4	0.0330	(0.0460)	-0.0050	(0.0220)
Avg % Abs	0.0353	(0.0310)	0.0077	(0.0117)
STD DEV	0.0107	(0.0130)	0.0110	(0.0091)
REL STD DEV	30.262	(41.935)	143.082	(77.775)
-----				
Solution = 0.021 g/210L or 0.1000 mg/l, Samples = 4, Discarded = 1				
Sample #1	0.4110	(-0.0070)	0.8080	(-0.0020)
Sample #2	0.4290	(0.0140)	0.8040	(0.0260)
Sample #3	0.4190	(0.0160)	0.8380	(-0.0020)
Sample #4	0.4280	(0.0310)	0.8340	(0.0040)
Avg % Abs	0.4253	(0.0203)	0.8253	(0.0093)
STD DEV	0.0055	(0.0093)	0.0186	(0.0147)
REL STD DEV	1.295	(45.696)	2.252	(157.952)
-----				
Solution = 0.040 g/210L or 0.1905 mg/l, Samples = 4, Discarded = 1				
Sample #1	0.7690	(-0.0220)	1.4860	(-0.0040)
Sample #2	0.7690	(-0.0070)	1.4920	(-0.0070)
Sample #3	0.7740	(-0.0060)	1.5100	(-0.0120)
Sample #4	0.7450	(0.0250)	1.4830	(-0.0030)
Avg % Abs	0.7627	(0.0040)	1.4950	(-0.0073)
STD DEV	0.0155	(0.0182)	0.0137	(0.0045)
REL STD DEV	2.033	(454.835)	0.920	(61.490)
-----				
Solution = 0.117 g/210L or 0.5571 mg/l, Samples = 4, Discarded = 1				
Sample #1	2.1450	(-0.0060)	4.1170	(-0.0010)
Sample #2	2.1000	(0.0240)	4.0950	(0.0260)
Sample #3	2.1390	(0.0160)	4.1360	(0.0100)
Sample #4	2.1560	(0.0150)	4.1350	(0.0140)
Avg % Abs	2.1317	(0.0183)	4.1220	(0.0167)
STD DEV	0.0287	(0.0049)	0.0234	(0.0083)
REL STD DEV	1.347	(26.907)	0.567	(49.960)
-----				
Solution = 0.297 g/210L or 1.4143 mg/l, Samples = 4, Discarded = 1				
Sample #1	5.1680	(0.0000)	9.7090	(-0.0030)
Sample #2	5.1480	(0.0280)	9.7100	(0.0210)
Sample #3	5.1690	(0.0310)	9.7830	(0.0110)
Sample #4	5.1980	(0.0200)	9.8040	(0.0010)
Avg % Abs	5.1717	(0.0263)	9.7657	(0.0110)
STD DEV	0.0251	(0.0057)	0.0493	(0.0100)
REL STD DEV	0.485	(21.593)	0.505	(90.909)
-----				

*Calibration  
 Deb Kashur*

*80-004204  
 P. 117-1126  
 km*

TOXL  
 Intoxilyzer - Alcohol Analyzer  
 Model 8000 SN 80-004204  
 07/14/2011 09:42:38

Auto Calibration

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<<<<< 3um >>>>>			<<<<< 9um >>>>>		
Zero Order Coef	-96.86		-42.09		
First Order Coef	2592.74		1287.61		
Second Order Coef	31.07		16.91		
Act (g/210L)	Fit (g/210L)	Residual (g/210L)	Act (g/210L)	Fit (g/210L)	Residual (g/210L)
0.000	-0.000	0.0001	0.000	-0.001	0.0007
0.021	0.021	-0.0002	0.021	0.022	-0.0007
0.040	0.040	0.0001	0.040	0.040	-0.0003
0.117	0.117	0.0000	0.117	0.117	0.0004
0.297	0.297	-0.0000	0.297	0.297	-0.0000

<<<<< 3um >>>>>		<<<<< 9um >>>>>	
Solution = 0.080 g/210L or 0.3810 mg/l, Samples = 4, Discarded = 1			
Sample			
Sample #1	3246.00		3252.00
Sample #2	3254.00		3244.00
Sample #3	3274.00		3257.00
Sample #4	3303.00		3284.00
Avg	3277.0000		3261.6667
STD DEV	24.6374		20.4042
REL STD DEV	0.752		0.626
H2O adjust (mg/l*10k)	532		548

*Calibration  
 Deb Kashner*

Atmospheric Pressure = 1008

\*\*\*\*\*CALIBRATION SUCCESSFUL\*\*\*\*\*

*80-004204  
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 JFM*

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

CMI, Inc. Intoxilyzer           Alcohol Analyzer  
North Dakota Model 8000       SN 80-004204  
Location = TOXL               8164.13.00 06/09  
07/14/2011                       13:32

\*\*\*\*\* Printer Test \*\*\*\*\*

abcdefghijklmnopqrstuvwxy1234567890-=  
ABCDEFGHIJKLMNopqrstuvwxyz!@#%^&\*()\_+?

abcdefghijklmnopqrstuvwxy1234567890-=  
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?       Yes  
# of Print Copies?         1  
Select Std (D/W/I)?       Dry  
Standard Value?           0.080  
Standard Lot #?           11611080A2  
Standard Cyl #?           123  
Standard Expiration?       06/01/2013  
Oper No?                   777777

Flow Cal. Date:           07/13/2010  
Slope                      750  
Intercept                 -815939

IR Calibration Date:       07/14/2011  
                              3um                   9um

-----  
0th Coef(\*100):       -9686               -4209  
1st Coef(\*100):       259274              128761  
2nd Coef(\*100):       3107                1691  
H2O adj(mg/l\*10k):   532                   548

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



Operator Signature  
DEB KASHUR

Remarks:

*Print test*

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IAM

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

CMI, Inc. Intoxilyzer      Alcohol Analyzer  
North Dakota Model 8000      SN 80-004204  
Location = TOXL      8164.13.00 06/09  
07/14/2011      13:11

DRY CAL CHECK

Test	AC	Time
01 Room Air	0.000	13:12
02 Std. Gas	0.079	13:12
03 Room Air	0.000	13:13
04 Std. Gas	0.079	13:13
05 Room Air	0.000	13:14
06 Std. Gas	0.079	13:14
07 Room Air	0.000	13:14

Lot No = 11611080A2  
Cyl No = 123  
Exp Date = 06/01/2013  
County = 08      Oper No. = 777777

*Deb Kasher*

Operator Signature  
DEB KASHUR

Remarks:

*Calibration check 0.080 AC*

Form 106-I8000

*80-004204  
P-1204126  
KAM*

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

CMI, Inc. Intoxilyzer            Alcohol Analyzer  
North Dakota Model 8000        SN 80-004204  
Location = TOXL                    8164.13.00 06/09  
07/14/2011                            13:15

DRY CAL CHECK

Test	AC	Time
01 Room Air	0.000	13:16
02 Std. Gas	0.079	13:16
03 Room Air	0.000	13:16
04 Std. Gas	0.079	13:17
05 Room Air	0.000	13:17
06 Std. Gas	0.080	13:18
07 Room Air	0.000	13:18

Lot No = 11611080A2  
Cyl No = 123  
Exp Date = 06/01/2013  
County = 08                            Oper No. = 777777

Deb Kasher  
Operator Signature  
DEB KASHUR

Remarks:  
*Calibration check 0.080 AC*

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80-004204  
P.1214/126  
FM

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

CMI, Inc. Intoxilyzer      Alcohol Analyzer  
North Dakota Model 8000      SN 80-004204  
Location = TOXL      8164.13.00 06/09  
07/14/2011      13:26

DRY CAL CHECK

Test	AC	Time
01 Room Air	0.000	13:26
02 Std. Gas	0.079	13:26
03 Room Air	0.000	13:27
04 Std. Gas	0.079	13:27
05 Room Air	0.000	13:28
06 Std. Gas	0.079	13:28
07 Room Air	0.000	13:29

Lot No = 11611080A2  
Cyl No = 123  
Exp Date = 06/01/2013  
County = 08      Oper No. = 777777

*Deb Kasher*

Operator Signature  
DEB KASHUR

Remarks:

*Calibration check 0.080 AC*

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KAM



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

CMI, Inc. Intoxilyzer      Alcohol Analyzer  
North Dakota Model 8000      SN 80-004204  
Location = TOXL      8164.13.00 06/09  
07/14/2011      12:05

WET CAL CHECK

Test	AC	Time
01 Room Air	0.000	12:05
02 Std. Sol.	0.021	12:06
03 Room Air	0.000	12:07
04 Std. Sol.	0.022	12:08
05 Room Air	0.000	12:08
06 Std. Sol.	0.022	12:09
07 Room Air	0.000	12:09

08 Sim Temp = 34.0°C

Simul Ser No = 0

Std Sol No = 0

County = 08

Oper No. = 777777

Deb Kasher

Operator Signature  
DEB KASHUR

Remarks:

Low AC      0.021 AC

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KAM

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

CMI, Inc. Intoxilyzer      Alcohol Analyzer  
North Dakota Model 8000      SN 80-004204  
Location = TOXL      8164.13.00 06/09  
07/14/2011      13:04

WET CAL CHECK

Test	AC	Time
01 Room Air	0.000	13:04
02 Std. Sol.	0.291	13:05
03 Room Air	0.000	13:06
04 Std. Sol.	0.292	13:07
05 Room Air	0.000	13:07
06 Std. Sol.	0.293	13:08
07 Room Air	0.000	13:08

08 Sim Temp = 34.0°C

Simul Ser No = 0

Std Sol No = 0

County = 08

Oper No. = 777777

*Deb Kashur*

Operator Signature  
DEB KASHUR

Remarks:

*Linearity test 0.297 AC*

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RM

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

CMI, Inc. Intoxilyzer            Alcohol Analyzer  
North Dakota Model 8000        SN 80-004204  
Location = TOXL                    8164.13.00 06/09  
07/14/2011                            13:32

Test	AC	Time
01 Room Air	0.000	13:33
02 *Subject Test	INT*	13:33
03 Room Air	0.000	13:34

\*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 = 11611080A2  
Cyl No = 123  
Expiration Date = 06/01/2013  
County = 08                          Oper No. = 777777

*Deb Kasher*

Operator Signature  
DEB KASHUR

Remarks:

*Interferent check 0.10Ac + acetone*

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80-004204  
P.125/126  
JCM

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

CMI, Inc. Intoxilyzer            Alcohol Analyzer  
North Dakota Model 8000        SN 80-004204  
Location = TOXL                    8164.13.00 06/09  
07/14/2011                            14:04

Test	AC	Time
01 Diagnostic	OK	14:04
02 Room Air	RFI*	14:05
03 Room Air	0.000	14:05

\*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 = 11611080A2  
Cyl No = 123  
Expiration Date = 06/01/2013  
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 check*

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KEM*