

**INTOXILYZER 8000
REPAIR AND MAINTENANCE**

Serial No.: 80-004934

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. 05911080 A1 Cylinder No. 36 Expir. Date 02/01/2013

Test 1 0.080 Test 4 0.080 Test 7 0.080

Test 2 0.080 Test 5 0.080 Test 8 0.080

Test 3 0.080 Test 6 0.080 Test 9 0.080

Average 0.080

8. Low AC. Use < 0.03 AC in ACA mode. (Attach test record.) ✓
9. Linearity Test. Use ≥ 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.) ✓

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/repared? NO
2. Was the solenoid cleaned? NO
3. Was new tubing installed? NO
4. Were additional parts replaced/changed/repared? NO
5. Remarks/Maintenance record: Recalibration

08 July 2011
Date

7-8-11
Date

Deb Kashner
Field Inspector's Signature

[Signature]
Reviewed by

TOXL
 Intoxilyzer - Alcohol Analyzer
 Model 8000 SN 80-004934
 07/07/2011 16:09:26

Auto Calibration

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<<<<< 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	0.0360	(-0.0050)	0.0320	(0.0140)	
Sample #2	0.0590	(0.0360)	0.0410	(0.0200)	
Sample #3	0.0480	(0.0870)	0.0370	(0.0290)	
Sample #4	0.0020	(0.1330)	0.0270	(0.0420)	
Avg % Abs	0.0363	(0.0853)	0.0350	(0.0303)	
STD DEV	0.0302	(0.0485)	0.0072	(0.0111)	
REL STD DEV	83.224	(56.861)	20.603	(36.463)	

Solution = 0.021 g/210L or 0.1000 mg/l, Samples = 4, Discarded = 1					
Sample	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)	
Sample #1	0.4380	(-0.0140)	0.8240	(-0.0050)	
Sample #2	0.4450	(0.0110)	0.8460	(-0.0110)	
Sample #3	0.3920	(0.0480)	0.8400	(-0.0050)	
Sample #4	0.4320	(0.0480)	0.8670	(-0.0040)	
Avg % Abs	0.4230	(0.0357)	0.8510	(-0.0067)	
STD DEV	0.0276	(0.0214)	0.0142	(0.0038)	
REL STD DEV	6.530	(59.893)	1.666	(56.789)	

Solution = 0.040 g/210L or 0.1905 mg/l, Samples = 4, Discarded = 1					
Sample	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)	
Sample #1	0.7630	(0.0130)	1.5370	(0.0250)	
Sample #2	0.8130	(0.0050)	1.5850	(0.0000)	
Sample #3	0.8170	(0.0150)	1.5790	(0.0060)	
Sample #4	0.8080	(0.0320)	1.5600	(0.0220)	
Avg % Abs	0.8127	(0.0173)	1.5747	(0.0093)	
STD DEV	0.0045	(0.0137)	0.0131	(0.0114)	
REL STD DEV	0.555	(78.752)	0.829	(121.848)	

*Calibration
 Deb Kashur*

Solution = 0.117 g/210L or 0.5571 mg/l, Samples = 4, Discarded = 1					
Sample	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)	
Sample #1	2.1920	(-0.0090)	4.1960	(-0.0090)	
Sample #2	2.1790	(0.0070)	4.1970	(0.0290)	
Sample #3	2.1740	(0.0200)	4.2280	(0.0190)	
Sample #4	2.2240	(0.0020)	4.2550	(0.0150)	
Avg % Abs	2.1923	(0.0097)	4.2267	(0.0210)	
STD DEV	0.0275	(0.0093)	0.0290	(0.0072)	
REL STD DEV	1.256	(96.120)	0.687	(34.339)	

Solution = 0.298 g/210L or 1.4190 mg/l, Samples = 4, Discarded = 1					
Sample	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)	
Sample #1	5.1150	(0.0110)	9.6410	(0.0040)	
Sample #2	5.1800	(0.0110)	9.7520	(0.0150)	
Sample #3	5.2120	(0.0190)	9.7850	(0.0120)	
Sample #4	5.1830	(0.0400)	9.8020	(0.0320)	
Avg % Abs	5.1917	(0.0233)	9.7797	(0.0197)	
STD DEV	0.0177	(0.0150)	0.0254	(0.0108)	
REL STD DEV	0.340	(64.190)	0.260	(54.843)	

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TOXL
 Intoxilyzer - Alcohol Analyzer
 Model 8000 SN 80-004934
 07/07/2011 16:09:26

Auto Calibration

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<<<<<      3um      >>>>>
-----
Zero Order Coef   -82.26
First Order Coef  2446.17
Second Order Coef  58.40
  
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<<<<<      9um      >>>>>
-----
                -60.96
                1230.46
                23.21
  
```

Act (g/210L)	Fit (g/210L)	Residual (g/210L)
0.000	0.000	-0.0001
0.021	0.020	0.0008
0.040	0.041	-0.0008
0.117	0.117	0.0002
0.298	0.298	-0.0000

Act (g/210L)	Fit (g/210L)	Residual (g/210L)
0.000	-0.000	0.0004
0.021	0.021	-0.0001
0.040	0.041	-0.0006
0.117	0.117	0.0004
0.298	0.298	-0.0000

```

<<<<<      3um      >>>>>
-----
<<<<<      9um      >>>>>
-----
  
```

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

Sample	3um	9um
Sample #1	3138.00	3111.00
Sample #2	3190.00	3160.00
Sample #3	3116.00	3107.00
Sample #4	3134.00	3123.00
Avg	3146.6667	3130.0000
STD DEV	38.5919	27.1846
REL STD DEV	1.226	0.869
H2O adjust (mg/l*10k)	663	679

*Calibration
 Deb Kashu*

Atmospheric Pressure = 1013

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

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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
07/08/2011 08:47

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

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

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

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 #? 05911080A1
Standard Cyl #? 36
Standard Expiration? 02/01/2013
Oper No? 777777

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

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

0th Coef(*100): -8226 -6096
1st Coef(*100): 244617 123046
2nd Coef(*100): 5840 2321
H2O adj(mg/l*10k): 663 679

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

Deb Kashur

Operator Signature
DEB KASHUR

Remarks:

Print test

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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
07/08/2011 08:47

DRY CAL CHECK

Test	AC	Time
01 Room Air	0.000	08:48
02 Std. Gas	0.080	08:49
03 Room Air	0.000	08:49
04 Std. Gas	0.080	08:49
05 Room Air	0.000	08:50
06 Std. Gas	0.080	08:50
07 Room Air	0.000	08:51

Lot No = 05911080A1
Cyl No = 36
Exp Date = 02/01/2013
County = 08 Oper No. = 777777

Deb Kashur
Operator Signature
DEB KASHUR

Remarks:

Calibration check 0.080 Ac

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JRM*

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
07/08/2011 08:57

DRY CAL CHECK

Test	AC	Time
01 Room Air	0.000	08:57
02 Std. Gas	0.080	08:58
03 Room Air	0.000	08:58
04 Std. Gas	0.080	08:59
05 Room Air	0.000	08:59
06 Std. Gas	0.080	08:59
07 Room Air	0.000	09:00

Lot No = 05911080A1
Cyl No = 36
Exp Date = 02/01/2013
County = 08 Oper No. = 777777

Deb Kashur
Operator Signature
DEB KASHUR

Remarks:

Calibration check 0.080 AC

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JKM*

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
07/08/2011 09:14

DRY CAL CHECK

Test	AC	Time
01 Room Air	0.000	09:14
02 Std. Gas	0.080	09:15
03 Room Air	0.000	09:15
04 Std. Gas	0.080	09:16
05 Room Air	0.000	09:16
06 Std. Gas	0.080	09:17
07 Room Air	0.000	09:17

Lot No = 05911080A1

Cyl No = 36

Exp Date = 02/01/2013

County = 08

Oper No. = 777777

Deb Kasher

Operator Signature
DEB KASHUR

Remarks:

Calibration check 0.080 AC

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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
07/08/2011 09:22

WET CAL CHECK

Test	AC	Time
01 Room Air	0.000	09:22
02 Std. Sol.	0.020	09:24
03 Room Air	0.000	09:24
04 Std. Sol.	0.020	09:25
05 Room Air	0.000	09:25
06 Std. Sol.	0.020	09:26
07 Room Air	0.000	09:26

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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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
07/08/2011 09:41

WET CAL CHECK

Test	AC	Time
01 Room Air	0.000	09:41
02 Std. Sol.	0.293	09:42
03 Room Air	0.000	09:43
04 Std. Sol.	0.297	09:43
05 Room Air	0.000	09:44
06 Std. Sol.	0.297	09:45
07 Room Air	0.000	09:45

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 0.298 AC

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SM

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
07/08/2011 09:47

Test	AC	Time
01 Room Air	0.000	09:47
02 *Subject Test	INT*	09:48
03 Room Air	0.000	09:48

*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 = 05911080A1
Cyl No = 36
Expiration Date = 02/01/2013
County = 08 Oper No. = 777777

Deb Kasher

Operator Signature
DEB KASHUR

Remarks:

Interferent check 0.10 Ac + acetone

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LKM

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
07/08/2011 09:53

Test	AC	Time
01 Diagnostic	OK	09:54
02 Room Air	RFI*	09:54
03 Room Air	0.000	09:55

*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 = 05911080A1
Cyl No = 36
Expiration Date = 02/01/2013
County = 08 Oper No. = 777777

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



Operator Signature
DEB KASHUR

Remarks:

RFI test

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