

**INTOXILYZER 8000
REPAIR AND MAINTENANCE**

Serial No.: 80-004935

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. 15410080A1 Cylinder No. 12 Expir. Date 07/01/2012

Test 1 0.080 Test 4 0.081 Test 7 0.080

Test 2 0.080 Test 5 0.079 Test 8 0.079

Test 3 0.080 Test 6 0.079 Test 9 0.081

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.) ✓

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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? no
5. Remarks/Maintenance record: Re-calibrated.

17 Feb 2012 ^{2011 DK}
Date

Deb Kasher
Field Inspector's Signature

17 Feb 2011
Date

Mayant A. Bean
Reviewed by

TOXL OK
HARV

Intoxilyzer - Alcohol Analyzer

Model 8000

SN 80-004935

02/17/2011

12:36:16

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	0.0750	(-0.0160)	0.1710	(0.0030)
Sample #2	0.0590	(0.0000)	0.1710	(-0.0040)
Sample #3	0.0390	(0.0300)	0.1690	(0.0200)
Sample #4	0.0360	(0.0280)	0.1870	(-0.0010)
Avg % Abs	0.0447	(0.0193)	0.1757	(0.0050)
STD DEV	0.0125	(0.0168)	0.0099	(0.0131)
REL STD DEV	27.993	(86.757)	5.616	(261.534)

Solution = 0.021 g/210L or 0.1000 mg/l, Samples = 4, Discarded = 1

Sample	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)
Sample #1	0.4450	(-0.0150)	0.8700	(0.0070)
Sample #2	0.4090	(0.0030)	0.8630	(-0.0030)
Sample #3	0.4100	(0.0150)	0.8650	(0.0100)
Sample #4	0.4350	(0.0080)	0.9050	(0.0000)
Avg % Abs	0.4180	(0.0087)	0.8777	(0.0023)
STD DEV	0.0147	(0.0060)	0.0237	(0.0068)
REL STD DEV	3.524	(69.551)	2.699	(291.723)

Solution = 0.040 g/210L or 0.1905 mg/l, Samples = 4, Discarded = 1

Sample	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)
Sample #1	0.7830	(-0.0050)	1.6430	(-0.0190)
Sample #2	0.7560	(0.0070)	1.5700	(0.0240)
Sample #3	0.7890	(0.0100)	1.5740	(0.0220)
Sample #4	0.7890	(0.0100)	1.5900	(0.0310)
Avg % Abs	0.7780	(0.0090)	1.5780	(0.0257)
STD DEV	0.0191	(0.0017)	0.0106	(0.0047)
REL STD DEV	2.449	(19.245)	0.671	(18.412)

Solution = 0.120 g/210L or 0.5714 mg/l, Samples = 4, Discarded = 1

Sample	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)
Sample #1	2.1870	(-0.0220)	4.2490	(0.0010)
Sample #2	2.1450	(0.0120)	4.2550	(0.0100)
Sample #3	2.1880	(0.0050)	4.3010	(-0.0030)
Sample #4	2.1970	(0.0040)	4.3050	(0.0010)
Avg % Abs	2.1767	(0.0070)	4.2870	(0.0027)
STD DEV	0.0278	(0.0044)	0.0278	(0.0067)
REL STD DEV	1.277	(62.270)	0.648	(249.687)

Solution = 0.294 g/210L or 1.4000 mg/l, Samples = 4, Discarded = 1

Sample	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)
Sample #1	5.0170	(-0.0130)	9.7990	(-0.0130)
Sample #2	5.0180	(0.0150)	9.7050	(0.0430)
Sample #3	5.0460	(0.0030)	9.7530	(0.0300)
Sample #4	5.0140	(0.0130)	9.7090	(0.0460)
Avg % Abs	5.0260	(0.0103)	9.7223	(0.0397)
STD DEV	0.0174	(0.0064)	0.0266	(0.0085)
REL STD DEV	0.347	(62.217)	0.274	(21.441)

Deb Kashur

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TOXL
HARV DK

Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-004935
02/17/2011 12:36:16

Auto Calibration

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<<<<< 3um >>>>>			<<<<< 9um >>>>>		
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Zero Order Coef	-106.60			-208.16	
First Order Coef	2571.18			1321.23	
Second Order Coef	46.87			14.40	
-----			-----		
Act	Fit	Residual	Act	Fit	Residual
(g/210L)	(g/210L)	(g/210L)	(g/210L)	(g/210L)	(g/210L)
0.000	0.000	-0.0002	0.000	0.001	-0.0005
0.021	0.021	0.0005	0.021	0.020	0.0008
0.040	0.040	-0.0004	0.040	0.040	-0.0002
0.120	0.120	0.0000	0.120	0.120	-0.0001
0.294	0.294	-0.0000	0.294	0.294	0.0000

<<<<< 3um >>>>>		<<<<< 9um >>>>>	
-----		-----	
Solution = 0.080 g/210L or 0.3810 mg/l, Samples = 4, Discarded = 1			
Sample			
Sample #1	3271.00		3184.00
Sample #2	3287.00		3237.00
Sample #3	3319.00		3226.00
Sample #4	3266.00		3258.00
Avg	3290.6667		3240.3333
STD DEV	26.6896		16.2583
REL STD DEV	0.811		0.502
H2O adjust (mg/l*10k)	519		569

Atmospheric Pressure = 999

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

Deb Kashu

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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 80-004935
Location = TOXL 8164.13.00 06/09
02/17/2011 14:01

***** 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 #? 15410080A1
Standard Cyl #? 12
Standard Expiration? 07/01/2012
Oper No? 777777

Flow Cal. Date: 01/20/2010
Slope 696
Intercept -664812

IR Calibration Date: 02/17/2011
 3um 9um

0th Coef(*100): -10660 -20816
1st Coef(*100): 257118 132123
2nd Coef(*100): 4687 1440
H2O adj(mg/l*10k): 519 569

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

Deb Kasher

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 80-004935
Location = TOXL 8164.13.00 06/09
02/17/2011 14:02

DRY CAL CHECK

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

Lot No = 15410080A1
Cyl No = 12
Exp Date = 07/01/2012
County = 08 Oper No. = 777777

Deb Kashur

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 80-004935
Location = TOXL 8164.13.00 06/09
02/17/2011 14:06

DRY CAL CHECK

Test	AC	Time
01 Room Air	0.000	14:06
02 Std. Gas	0.081	14:07
03 Room Air	0.000	14:07
04 Std. Gas	0.079	14:08
05 Room Air	0.000	14:08
06 Std. Gas	0.079	14:08
07 Room Air	0.000	14:09

Lot No = 15410080A1
Cyl No = 12
Exp Date = 07/01/2012
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 80-004935
Location = TOXL 8164.13.00 06/09
02/17/2011 14:13

DRY CAL CHECK

Test	AC	Time
01 Room Air	0.000	14:14
02 Std. Gas	0.080	14:14
03 Room Air	0.000	14:14
04 Std. Gas	0.079	14:15
05 Room Air	0.000	14:15
06 Std. Gas	0.081	14:16
07 Room Air	0.000	14:16

Lot No = 15410080A1
Cyl No = 12
Exp Date = 07/01/2012
County = 08 Oper No. = 777777

Deb Kashur

Operator Signature
DEB KASHUR

Remarks:

Calibration check 0.080 AC

Form 106-I8000

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P. 77481
V.M.

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

CMI, Inc. Intoxilyzer Alcohol Analyzer
North Dakota Model 8000 SN 80-004935
Location = TOXL 8164.13.00 06/09
02/17/2011 14:21

WET CAL CHECK

Test	AC	Time
01 Room Air	0.000	14:21
02 Std. Sol.	0.021	14:22
03 Room Air	0.000	14:23
04 Std. Sol.	0.021	14:23
05 Room Air	0.000	14:24
06 Std. Sol.	0.021	14:25
07 Room Air	0.000	14:25

08 Sim Temp = 34.0°C

Simul Ser No = 00000

Std Sol No = 000

County = 08

Oper No. = 777777

Deb Kashur

Operator Signature
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Remarks:

Low AC 0.021AC

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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 80-004935
Location = TOXL 8164.13.00 06/09
02/17/2011 14:38

WET CAL CHECK

Test	AC	Time
01 Room Air	0.000	14:39
02 Std. Sol.	0.292	14:39
03 Room Air	0.000	14:40
04 Std. Sol.	0.291	14:41
05 Room Air	0.000	14:41
06 Std. Sol.	0.293	14:42
07 Room Air	0.000	14:42

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 0.294 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 80-004935
Location = TOXL 8164.13.00 06/09
02/17/2011 16:10

Test	AC	Time
01 Room Air	0.000	16:11
02 *Subject Test	INT*	16:11
03 Room Air	0.000	16:12

*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 = 15410080A1
Cyl No = 12
Expiration Date = 07/01/2012
County = 08 Oper No. = 777777

Deb Kashur

Operator Signature
DEB KASHUR

Remarks:

Interferent check 0.100 Ac + acetone

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*80-004935
P-80481
AM*

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

CMI, Inc. Intoxilyzer Alcohol Analyzer
North Dakota Model 8000 SN 80-004935
Location = TOXL 8164.13.00 06/09
02/17/2011 16:13

Test	AC	Time
01 Diagnostic	OK	16:13
02 Room Air	RFI*	16:13
03 Room Air	0.000	16:14

*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 = 15410080A1
Cyl No = 12
Expiration Date = 07/01/2012
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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FR