

INTOXILYZER® 8000 INSPECTION

Serial No.: 80-003069

Location: TOXL

- Check When Done
- A. Is the breath tube heated? ✓
- B. Is the diagnostic check complete? ✓
- C. Is the time, date, and year correct (re-set if necessary)? ✓
- D. Print test. (Attach test record.) ✓
- E. Low AC. Use <0.03 AC in ACA mode. (Attach test record.)
Sim SN DR3803 Lot No. 13070 Rep AC 0.020 ✓
- F. High AC. Use ≥ 0.25 AC in ACA mode. (Attach test record.)
Sim SN DR3374 Lot No. 13080 Rep AC 0.300 ✓
- G. Interferent check. Use 0.05% acetone plus 0.10 AC ethanol in ABA mode.
(Attach test record.)
Sim SN DR3375 Lot No. ICS 2 Rep AC 0.10AC + 0.05% acetone ✓
- H. RFI check. Run CMS mode. Key radio on first room air.
(Attach test record.) ✓
- I. Calibration Check. Use Ethanol Breath Standard cylinder. Do three sets in ACA mode.
(Attach test record.)

Lot No. 339/308044 Cyl No. 48 Exp. Date 01/01/2016

Test 1 <u>0.081</u>	Test 4 <u>0.080</u>	Test 7 <u>0.081</u>
Test 2 <u>0.081</u>	Test 5 <u>0.080</u>	Test 8 <u>0.080</u>
Test 3 <u>0.081</u>	Test 6 <u>0.080</u>	Test 9 <u>0.080</u>

Average 0.080

J. Tank pressure, Level 3 Func D Sub G P: 990 psi Reg 1000 psi

K. Remarks/Maintenance record: Annual inspection, calibrated optical bench and gas regulator, replaced simulator return o-ring.

15 Apr 2014
Date

15 APR 14
Date

Deb Kashur
Field Inspector's Signature

Charles E. Egan
Reviewed by

TOXL
 Intoxilyzer - Alcohol Analyzer
 Model 8000 SN 80-003069
 04/14/2014 15:40:50

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	0.0970	(0.0000)		0.1350	(0.0010)				0.000 AC
Sample #2	0.0980	(0.0150)		0.1420	(-0.0090)				Milli-Q H ₂ O
Sample #3	0.1210	(0.0340)		0.1680	(-0.0040)				G-10329
Sample #4	0.1240	(0.0360)		0.1460	(0.0020)				
Avg % Abs	0.1143	(0.0283)		0.1520	(-0.0037)				
STD DEV	0.0142	(0.0116)		0.0140	(0.0055)				
REL STD DEV	12.441	(40.907)		9.211	(150.206)				
Solution = 0.050 g/210L or 0.2381 mg/l, Samples = 4, Discarded = 1									
Sample	% Abs	(% Abs Ref)		% Abs	(% Abs Ref)				
Sample #1	0.9220	(0.0060)		1.8450	(-0.0150)				0.050 AC
Sample #2	0.9730	(0.0000)		1.8670	(-0.0300)				lot: 13170
Sample #3	0.9320	(0.0120)		1.8500	(-0.0280)				exp: 06/19/15
Sample #4	0.9560	(0.0200)		1.8630	(-0.0260)				DR5144
Avg % Abs	0.9537	(0.0107)		1.8600	(-0.0280)				
STD DEV	0.0206	(0.0101)		0.0089	(0.0020)				
REL STD DEV	2.160	(94.373)		0.478	(7.143)				
Solution = 0.080 g/210L or 0.3810 mg/l, Samples = 4, Discarded = 1									
Sample	% Abs	(% Abs Ref)		% Abs	(% Abs Ref)				
Sample #1	1.4360	(0.0180)		2.9040	(0.0040)				0.080 AC
Sample #2	1.4480	(0.0280)		2.9030	(0.0050)				lot: 13190
Sample #3	1.4530	(0.0310)		2.9040	(-0.0040)				exp: 07/16/15
Sample #4	1.4820	(0.0310)		2.9320	(-0.0090)				DR5132
Avg % Abs	1.4610	(0.0300)		2.9130	(-0.0027)				
STD DEV	0.0184	(0.0017)		0.0165	(0.0071)				
REL STD DEV	1.257	(5.773)		0.565	(266.047)				
Solution = 0.200 g/210L or 0.9524 mg/l, Samples = 4, Discarded = 1									
Sample	% Abs	(% Abs Ref)		% Abs	(% Abs Ref)				
Sample #1	3.4560	(-0.0100)		6.8570	(0.0000)				0.200 AC
Sample #2	3.4550	(0.0040)		6.8380	(0.0220)				lot: 12120
Sample #3	3.4560	(0.0060)		6.8020	(0.0300)				exp: 08/10/14
Sample #4	3.4640	(0.0000)		6.8100	(0.0300)				DR5113
Avg % Abs	3.4583	(0.0033)		6.8167	(0.0273)				
STD DEV	0.0049	(0.0031)		0.0189	(0.0046)				
REL STD DEV	0.143	(91.652)		0.277	(16.898)				
Solution = 0.400 g/210L or 1.9048 mg/l, Samples = 4, Discarded = 1									
Sample	% Abs	(% Abs Ref)		% Abs	(% Abs Ref)				
Sample #1	6.6610	(-0.0200)		12.9470	(-0.0120)				0.400 AC
Sample #2	6.6560	(-0.0010)		12.9590	(-0.0030)				lot: 12105
Sample #3	6.6080	(0.0150)		12.9170	(0.0090)				exp: 05/23/14
Sample #4	6.6530	(0.0020)		12.9280	(0.0000)				DR5186
Avg % Abs	6.6390	(0.0053)		12.9347	(0.0020)				
STD DEV	0.0269	(0.0085)		0.0218	(0.0062)				
REL STD DEV	0.405	(159.467)		0.168	(312.250)				

Calibration
 Deb Kashur

TOXL
 Intoxilyzer - Alcohol Analyzer
 Model 8000 SN 80-003069
 04/14/2014 15:40:50

Auto Calibration

pg 2 of 2

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<<<<<      3um      >>>>>
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Zero Order Coef   -298.88
First Order Coef  2771.04
Second Order Coef  21.46
  
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<<<<<      9um      >>>>>
-----
                -202.23
                1356.40
                10.19
  
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-----
Act           Fit           Residual
(g/210L)     (g/210L)     (g/210L)
0.000        0.000        -0.0004
0.050        0.050        0.0004
0.080        0.080        0.0003
0.200        0.200        -0.0004
0.400        0.400        0.0001
-----
  
```

```

-----
Act           Fit           Residual
(g/210L)     (g/210L)     (g/210L)
0.000        0.000        -0.0001
0.050        0.049        0.0005
0.080        0.081        -0.0005
0.200        0.200        0.0001
0.400        0.400        0.0000
-----
  
```

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<<<<<      3um      >>>>>
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```

```

<<<<<      9um      >>>>>
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```

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

Sample			
Sample #1	3205.00	3339.00	lot: 16512080A2
Sample #2	3080.00	3321.00	exp: 08/01/2014
Sample #3	3241.00	3366.00	
Sample #4	3095.00	3312.00	cyl: 22
Avg	3138.6667	3333.0000	
STD DEV	88.9401	28.9310	
REL STD DEV	2.834	0.868	
H2O adjust (mg/l*10k)	671	476	

Atmospheric Pressure = 1018

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

*Calibration
 Deb / Kashur*

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

CMI, Inc. Intoxilyzer Alcohol Analyzer
North Dakota Model 8000 SN 80-003069
Location = TOXL 8164.13.00 06/09
04/15/2014 08:58

***** 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 #? 33913080A4
Standard Cyl #? 48
Standard Expiration? 01/01/2016
Oper No? 777777

Flow Cal. Date: 09/17/2013
Slope 678
Intercept -734495

IR Calibration Date: 04/14/2014
 3um 9um

0th Coef(*100):	-29888	-20223
1st Coef(*100):	277104	135640
2nd Coef(*100):	2146	1019
H2O adj(mg/l*10k):	671	476

***** 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 80-003069
Location = TOXL 8164.13.00 06/09
04/15/2014 08:47

WET CAL CHECK

Test	AC	Time
01 Room Air	0.000	08:48
02 Std. Sol.	0.020	08:49
03 Room Air	0.000	08:49
04 Std. Sol.	0.020	08:50
05 Room Air	0.000	08:50
06 Std. Sol.	0.019	08:51
07 Room Air	0.000	08:52

08 Sim Temp = 34.0°C

Simul Ser No = DR3803

Std Sol No = 13070

County = 08

Oper No. = 77777

Deb Kashur

Operator Signature
DEB KASHUR

Remarks:

low AC 0.020 AC

Form 106-I8000

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

CMI, Inc. Intoxilyzer Alcohol Analyzer
North Dakota Model 8000 SN 80-003069
Location = TOXL 8164.13.00 06/09
04/15/2014 08:42

WET CAL CHECK

Test	AC	Time
01 Room Air	0.000	08:42
02 Std. Sol.	0.297	08:43
03 Room Air	0.000	08:43
04 Std. Sol.	0.297	08:44
05 Room Air	0.000	08:45
06 Std. Sol.	0.297	08:45
07 Room Air	0.000	08:46

08 Sim Temp = 34.0°C

Simul Ser No = DR3374
Std Sol No = 13080
County = 08 Oper No. = 777777

Deb Kasher
Operator Signature
DEB KASHUR

Remarks:

High AC 0.300 AC

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

CMI, Inc. Intoxilyzer Alcohol Analyzer
North Dakota Model 8000 SN 80-003069
Location = TOXL 8164.13.00 06/09
04/15/2014 09:03

Test	AC	Time
01 Room Air	0.000	09:04
02 *Subject Test	INT*	09:05
03 Room Air	0.000	09:05

*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 = 33913080A4
Cyl No = 48
Expiration Date = 01/01/2016
County = 08 Oper No. = 777777

Deb Kashur

Operator Signature
DEB KASHUR

Remarks:

Interferent check 0.10AC + 0.05% acetone

Form 106-I8000

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

CMI, Inc. Intoxilyzer Alcohol Analyzer
North Dakota Model 8000 SN 80-003069
Location = TOXL 8164.13.00 06/09
04/15/2014 09:06

Test	AC	Time
01 Diagnostic	OK	09:06
02 Room Air	RFI*	09:07
03 Room Air	0.000	09:07

*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 = 33913080A4
Cyl No = 48
Expiration Date = 01/01/2016
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

Form 106-I8000

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

CMI, Inc. Intoxilyzer Alcohol Analyzer
North Dakota Model 8000 SN 80-003069
Location = TOXL 8164.13.00 06/09
04/15/2014 09:07

DRY CAL CHECK

Test	AC	Time
01 Room Air	0.000	09:08
02 Std. Gas	0.081	09:08
03 Room Air	0.000	09:09
04 Std. Gas	0.081	09:09
05 Room Air	0.000	09:10
06 Std. Gas	0.081	09:10
07 Room Air	0.000	09:10

Lot No = 33913080A4

Cyl No = 48

Exp Date = 01/01/2016

County = 08

Oper No. = 777777

Deb Kasher

Operator Signature
DEB KASHUR

Remarks:

Calibration check 0.080AC

Form 106-I8000

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

CMI, Inc. Intoxilyzer Alcohol Analyzer
North Dakota Model 8000 SN 80-003069
Location = TOXL 8164.13.00 06/09
04/15/2014 09:11

DRY CAL CHECK

Test	AC	Time
01 Room Air	0.000	09:11
02 Std. Gas	0.080	09:12
03 Room Air	0.000	09:12
04 Std. Gas	0.080	09:13
05 Room Air	0.000	09:13
06 Std. Gas	0.080	09:13
07 Room Air	0.000	09:14

Lot No = 33913080A4
Cyl No = 48
Exp Date = 01/01/2016
County = 08 Oper No. = 777777

Deb Kashur
Operator Signature
DEB KASHUR

Remarks:

Calibration check 0.080 AC

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

CMI, Inc. Intoxilyzer Alcohol Analyzer
North Dakota Model 8000 SN 80-003069
Location = TOXL 8164.13.00 06/09
04/15/2014 09:21

DRY CAL CHECK

Test	AC	Time
01 Room Air	0.000	09:22
02 Std. Gas	0.081	09:22
03 Room Air	0.000	09:22
04 Std. Gas	0.080	09:23
05 Room Air	0.000	09:23
06 Std. Gas	0.080	09:24
07 Room Air	0.000	09:24

Lot No = 33913080A4
Cyl No = 48
Exp Date = 01/01/2016
County = 08 Oper No. = 777777

Deb Kashur
Operator Signature
DEB KASHUR

Remarks:

Calibration check 0.080 AC