

INTOXILYZER® 8000 INSPECTION

Serial No.: 80-004194 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  $\leq 0.03$  AC in ACA mode. (Attach test record.)  
Sim SN DR3374 Lot No. 201501B Rep AC 0.020 ✓
  - F. High AC. Use  $\geq 0.25$  AC in ACA mode. (Attach test record.)  
Sim SN DR3841 Lot No. 201603A Rep AC 0.300 ✓
  - G. Interferent check. Use 0.05% acetone in ethanol solution in ABA mode.  
(Attach test record.)  
Sim SN DR5144 Lot No. ICS4 Solution 0.10AC + 0.05% acetone ✓
  - H. RFI check. Run CMS mode. Key radio during CMS test.  
(Attach test record.) ✓
  - I. Calibration Check. Use Ethanol Breath Standard cylinder. Do three sets in ACA mode.  
(Attach test record.) 0.080 AC

Lot No. 14214080A6 Cyl No. 51 Exp. Date 07/05/2016

Test 1 <u>0.079</u>	Test 4 <u>0.079</u>	Test 7 <u>0.079</u>
Test 2 <u>0.080</u>	Test 5 <u>0.079</u>	Test 8 <u>0.079</u>
Test 3 <u>0.079</u>	Test 6 <u>0.080</u>	Test 9 <u>0.080</u>

Average 0.079

J. Tank pressure, Level 3 Func D Sub G P: 465 psi Reg ~480 psi

K. Remarks/Maintenance record: Annual inspection, calibration

adjustment, optical bench adjustment, replaced breath hose

04 May 16  
Date

5/5/2016  
Date

Deb Shanaver  
Field Inspector's Signature

Charles Elder  
Reviewed by

Simulator  
return  
o-rings.

TOXL  
-FYPD- DS

Intoxilyzer - Alcohol Analyzer  
Model 8000 SN 80-004194  
05/04/2016 13:21:40

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)			% Abs	(% Abs Ref)				
Sample #1	0.0800	(-0.0230)		0.1740	(0.0100)			0.1740	(0.0100)		0.000 AC		
Sample #2	0.0850	(0.0100)		0.2020	(-0.0080)			0.2020	(-0.0080)		H2O MilliQ		
Sample #3	0.0750	(0.0440)		0.1880	(0.0280)			0.1880	(0.0280)		DR 3375		
Sample #4	0.0580	(0.0610)		0.1790	(0.0150)			0.1790	(0.0150)				
Avg % Abs	0.0727	(0.0383)		0.1897	(0.0117)			0.1897	(0.0117)				
STD DEV	0.0137	(0.0260)		0.0116	(0.0182)			0.0116	(0.0182)				
REL STD DEV	18.785	(67.742)		6.111	(156.257)			6.111	(156.257)				
-----													
Solution = 0.040 g/210L or 0.1905 mg/l, Samples = 4, Discarded = 1													
Sample	% Abs	(% Abs Ref)		% Abs	(% Abs Ref)			% Abs	(% Abs Ref)				
Sample #1	0.7900	(-0.0100)		1.5790	(0.0070)			1.5790	(0.0070)		0.040 AC		
Sample #2	0.7350	(0.0220)		1.5680	(0.0310)			1.5680	(0.0310)		lot: 201407A		
Sample #3	0.7860	(0.0100)		1.5880	(0.0220)			1.5880	(0.0220)		exp: 07/29/16		
Sample #4	0.7780	(0.0180)		1.5900	(0.0230)			1.5900	(0.0230)		DR 3846		
Avg % Abs	0.7663	(0.0167)		1.5820	(0.0253)			1.5820	(0.0253)				
STD DEV	0.0274	(0.0061)		0.0122	(0.0049)			0.0122	(0.0049)				
REL STD DEV	3.579	(36.661)		0.769	(19.472)			0.769	(19.472)				
-----													
Solution = 0.080 g/210L or 0.3810 mg/l, Samples = 4, Discarded = 1													
Sample	% Abs	(% Abs Ref)		% Abs	(% Abs Ref)			% Abs	(% Abs Ref)				
Sample #1	1.5070	(-0.0010)		2.9990	(-0.0110)			2.9990	(-0.0110)		0.080 AC		
Sample #2	1.5100	(0.0120)		2.9960	(0.0110)			2.9960	(0.0110)		lot: 201504C		
Sample #3	1.4880	(0.0180)		2.9940	(0.0050)			2.9940	(0.0050)		exp: 04/28/2017		
Sample #4	1.5020	(0.0120)		2.9920	(0.0200)			2.9920	(0.0200)				
Avg % Abs	1.5000	(0.0140)		2.9940	(0.0120)			2.9940	(0.0120)				
STD DEV	0.0111	(0.0035)		0.0020	(0.0075)			0.0020	(0.0075)				
REL STD DEV	0.742	(24.744)		0.067	(62.915)			0.067	(62.915)				
-----													
Solution = 0.150 g/210L or 0.7143 mg/l, Samples = 4, Discarded = 1													
Sample	% Abs	(% Abs Ref)		% Abs	(% Abs Ref)			% Abs	(% Abs Ref)				
Sample #1	2.6810	(0.0050)		5.3020	(-0.0040)			5.3020	(-0.0040)		0.150 AC		
Sample #2	2.6950	(0.0090)		5.3370	(0.0140)			5.3370	(0.0140)		lot: 201508A		
Sample #3	2.6820	(0.0200)		5.2920	(0.0460)			5.2920	(0.0460)		exp: 08/11/17		
Sample #4	2.6790	(0.0230)		5.3120	(0.0260)			5.3120	(0.0260)		DR 7089		
Avg % Abs	2.6853	(0.0173)		5.3137	(0.0287)			5.3137	(0.0287)				
STD DEV	0.0085	(0.0074)		0.0225	(0.0162)			0.0225	(0.0162)				
REL STD DEV	0.317	(42.526)		0.424	(56.392)			0.424	(56.392)				
-----													
Solution = 0.300 g/210L or 1.4286 mg/l, Samples = 4, Discarded = 1													
Sample	% Abs	(% Abs Ref)		% Abs	(% Abs Ref)			% Abs	(% Abs Ref)				
Sample #1	5.1600	(0.0030)		10.0020	(-0.0100)			10.0020	(-0.0100)		0.300 AC		
Sample #2	5.1570	(0.0110)		9.9850	(0.0270)			9.9850	(0.0270)		lot: 201408C		
Sample #3	5.1740	(0.0160)		10.0320	(0.0200)			10.0320	(0.0200)		exp: 08/12/16		
Sample #4	5.1770	(0.0180)		10.0360	(0.0050)			10.0360	(0.0050)		DR 7111		
Avg % Abs	5.1693	(0.0150)		10.0177	(0.0173)			10.0177	(0.0173)				
STD DEV	0.0108	(0.0036)		0.0284	(0.0112)			0.0284	(0.0112)				
REL STD DEV	0.209	(24.037)		0.283	(64.845)			0.283	(64.845)				

Deb Shanaver  
Calibration adjustment

~~FYPD~~ TOXL DS

Intoxilyzer - Alcohol Analyzer

Model 8000

SN 80-004194

05/04/2016

13:21:40

Auto Calibration

pg 2 of 2

<<<< 3um >>>>

<<<< 9um >>>>

-----  
Zero Order Coef -178.08  
First Order Coef 2638.93  
Second Order Coef 30.80  
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-----  
-241.19  
1320.21  
12.96  
-----

Act (g/210L)	Fit (g/210L)	Residual (g/210L)
0.000	0.000	-0.0003
0.040	0.039	0.0009
0.080	0.081	-0.0008
0.150	0.150	0.0003
0.300	0.300	-0.0000

Act (g/210L)	Fit (g/210L)	Residual (g/210L)
0.000	0.000	-0.0002
0.040	0.039	0.0005
0.080	0.080	-0.0004
0.150	0.150	0.0001
0.300	0.300	0.0000

<<<< 3um >>>>

<<<< 9um >>>>

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

Sample

Sample #1	3491.00
Sample #2	3414.00
Sample #3	3418.00
Sample #4	3388.00
Avg	3406.6667
STD DEV	16.2891
REL STD DEV	0.478
H2O adjust (mg/l*10k)	403

0.080 AC  
lot: 14214080A6  
exp: 07/05/2016  
cyl: 51

3327.00
3303.00
3271.00
3297.00
3290.3333
17.0098
0.517
519

Atmospheric Pressure = 957

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

*Db Shanaver  
Calibration adjustment*

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

CMI, Inc. Intoxilyzer            Alcohol Analyzer  
North Dakota Model 8000        SN 80-004194  
Location = ~~FYPD~~ *TOXL*        8164.13.00 06/09  
05/04/2016                      *DS*                      14:29

\*\*\*\*\* 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?        Yes  
# of Print Copies?         1  
Select Std (D/W/I)?        Dry  
Standard Value?            0.080  
Standard Lot #?            14214080A6  
Standard Cyl #?            51  
Standard Expiration?       07/05/2016  
Oper No?                    777777

Flow Cal. Date:            06/23/2009  
Slope                        681  
Intercept                   -622430

IR Calibration Date:        05/04/2016  
                                    3um                      9um

-----  
0th Coef(\*100):            -17808                      -24119  
1st Coef(\*100):            263893                      132021  
2nd Coef(\*100):            3080                        1296  
H2O adj(mg/l\*10k):        403                         519

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

*Deb Shanaver*

Operator Signature  
DEB SHANAVER

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 80-004194  
Location = ~~FYPD~~ TOXL                      8164.13.00 06/09  
05/04/2016                      DS                      14:06

WET CAL CHECK

Test	AC	Time
01 Room Air	0.000	14:07
02 Std. Sol.	0.019	14:08
03 Room Air	0.000	14:08
04 Std. Sol.	0.020	14:09
05 Room Air	0.000	14:10
06 Std. Sol.	0.019	14:10
07 Room Air	0.000	14:11

08 Sim Temp = 34.0°C

Simul Ser No = DR3374  
Std Sol No = 201501B  
County = 08                      Oper No. = 777777

  
\_\_\_\_\_  
Operator Signature  
DEB SHANAVER

Remarks:

LOW AC                      0.020AC

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


CMI, Inc. Intoxilyzer      Alcohol Analyzer  
North Dakota Model 8000      SN 80-004194  
Location = ~~FYPD ToxL~~      8164.13.00 06/09  
05/04/2016      DS      14:20

WET CAL CHECK

Test	AC	Time
01 Room Air	0.000	14:20
02 Std. Sol.	0.298	14:21
03 Room Air	0.000	14:22
04 Std. Sol.	0.301	14:23
05 Room Air	0.000	14:23
06 Std. Sol.	0.302	14:24
07 Room Air	0.000	14:24

08 Sim Temp = 34.0°C

Simul Ser No = DR3841  
Std Sol No = 201603A  
County = 08      Oper No. = 777777

  
Operator Signature  
DEB SHANAVER

Remarks:

High AC 0.300 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 80-004194  
Location = TOXL                 8164.13.00 06/09  
05/04/2016                        14:36

Test	AC	Time
01 Room Air	0.000	14:37
02 *Subject Test	INT*	14:38
03 Room Air	0.000	14:38

\*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 = 14214080A6  
Cyl No = 51  
Expiration Date = 07/05/2016  
County = 08                            Oper No. = 777777

  
\_\_\_\_\_  
Operator Signature  
DEB SHANAVER

Remarks:                            0.10Ac + 0.05% acetone  
*Interferent check*

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

CMI, Inc. Intoxilyzer            Alcohol Analyzer  
North Dakota Model 8000        SN 80-004194  
Location = TOXL                      8164.13.00 06/09  
05/04/2016                                14:40

Test	AC	Time
01 Diagnostic	OK	14:41
02 Room Air	RFI*	14:41
03 Room Air	0.000	14:41

\*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 = 14214080A6  
Cyl No = 51  
Expiration Date = 07/05/2016  
County = 08                              Oper No. = 777777

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

Deb Shanaver

Operator Signature  
DEB SHANAVER

Remarks:

RFI test



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

CMI, Inc. Intoxilyzer      Alcohol Analyzer  
North Dakota Model 8000      SN 80-004194  
Location = TOXL      8164.13.00 06/09  
05/04/2016      14:42

DRY CAL CHECK

Test	AC	Time
01 Room Air	0.000	14:42
02 Std. Gas	0.079	14:43
03 Room Air	0.000	14:43
04 Std. Gas	0.080	14:44
05 Room Air	0.000	14:44
06 Std. Gas	0.079	14:45
07 Room Air	0.000	14:45

Lot No = 14214080A6  
Cyl No = 51  
Exp Date = 07/05/2016  
County = 08      Oper No. = 777777

*Deb Shanaver*

Operator Signature  
DEB SHANAVER

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 80-004194  
Location = TOXL      8164.13.00 06/09  
05/04/2016      14:46

DRY CAL CHECK

Test	AC	Time
01 Room Air	0.000	14:46
02 Std. Gas	0.079	14:46
03 Room Air	0.000	14:47
04 Std. Gas	0.079	14:47
05 Room Air	0.000	14:48
06 Std. Gas	0.080	14:48
07 Room Air	0.000	14:49

Lot No = 14214080A6  
Cyl No = 51  
Exp Date = 07/05/2016  
County = 08      Oper No. = 777777

Deb Shanaver  
Operator Signature  
DEB SHANAVER

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 80-004194  
Location = TOXL      8164.13.00 06/09  
05/04/2016      14:53

DRY CAL CHECK

Test	AC	Time
01 Room Air	0.000	14:53
02 Std. Gas	0.079	14:53
03 Room Air	0.000	14:54
04 Std. Gas	0.079	14:54
05 Room Air	0.000	14:55
06 Std. Gas	0.080	14:55
07 Room Air	0.000	14:56

Lot No = 14214080A6  
Cyl No = 51  
Exp Date = 07/05/2016  
County = 08      Oper No. = 777777

  
\_\_\_\_\_  
Operator Signature  
DEB SHANAVER

Remarks:

Calibration check 0.080 AC