

INTOXILYZER 8000 INSPECTION

Serial No.: 80-004938

Location: TOXL

- |   | Check When Done |
|---|-----------------|
| A. Is the warm-up time less than 20 minutes?  | <u>✓</u>        |
| B. Is a three-pronged grounded outlet used?   | <u>✓</u>        |
| C. Is the breath tube heated?   | <u>✓</u>        |
| D. Is the diagnostic check complete?  | <u>✓</u>        |
| E. Is the time, date, and year correct (re-set if necessary)?   | <u>✓</u>        |
| F. Print test. (Attach test record.)  | <u>✓</u>        |
| G. Low AC. Use <0.03 AC in ACA mode. (Attach test record.)<br>Sim SN <u>DR3455</u> Lot No. <u>12210</u> Rep AC <u>0.020</u>   | <u>✓</u>        |
| H. Linearity Test. Use ≥ 0.25 AC in ACA mode. (Attach test record.)<br>Sim SN <u>DR3847</u> Lot No. <u>13020</u> Rep AC <u>0.300</u>  | <u>✓</u>        |
| I. Interferent check. Use 0.05% acetone plus 0.10 AC ethanol in ABA mode.<br>(Attach test record.)<br>Sim SN <u>DR3377</u> Lot No. <u>JCS#1</u> Rep AC <u>0.100AC + 0.05% ACETONE</u> | <u>✓</u>        |
| J. RFI check. Run CMS mode. Key radio on first room air.<br>(Attach test record.)   | <u>✓</u>        |
| K. Calibration Check. Use Ethanol Breath Standard cylinder. Do three sets in ACA mode.<br>(Attach test record.)   |                 |

Lot No. <u>16512080A2</u>	Cyl No. <u>34</u>	Exp. Date <u>08/01/2014</u>
Test 1 <u>0.079</u>	Test 4 <u>0.079</u>	Test 7 <u>0.080</u>
Test 2 <u>0.079</u>	Test 5 <u>0.080</u>	Test 8 <u>0.080</u>
Test 3 <u>0.080</u>	Test 6 <u>0.080</u>	Test 9 <u>0.080</u>
Average <u>0.080</u>		

L. Tank pressure, Level 3 Func D Sub G P: 721 psi Reg 730 psi  
*REPLACED O-RING SIM. RETURN*

M. Remarks/Maintenance record: CALIBRATION, ANNUAL INSPECTION

02 MAY 13  
Date

Charles E. Eden  
Field Inspector's Signature

03 May 13  
Date

Deb Kashur  
Reviewed by

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

CMI, Inc. Intoxilyzer            Alcohol Analyzer  
North Dakota Model 8000            SN 80-004938  
Location = TOXL                    8164.13.00 06/09  
05/02/2013                            16:28

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

abcdefghijklmnopqrstuvwxy1234567890-=\_|  
ABCDEFGHIJKLMN0PQRSTUVWXYZ!@#\$\$%^&\*()\_+?

abcdefghijklmnopqrstuvwxy1234567890-=\_|  
ABCDEFGHIJKLMN0PQRSTUVWXYZ!@#\$\$%^&\*()\_+?

Current Instrument Setup

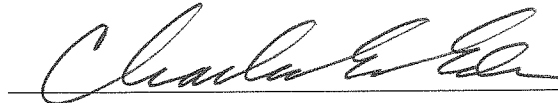
Data Entry Mode:            Enabled  
Start Test Sequence:        DABACABA  
Display Prelim Rslt?        Yes  
Display Third Digit?        Yes  
Inhib Printer(Y/N)?        No  
Display Volume?            No  
Disable On Memfull?        Yes  
# of Print Copies?         1  
Select Std (D/W/I)?        Dry  
Standard Value?            0.080  
Standard Lot #?            16512080A2  
Standard Cyl #?            34  
Standard Expiration?       08/01/2014  
Oper No?                    666666

Flow Cal. Date:            01/25/2010  
Slope                      712  
Intercept                  -604165

IR Calibration Date:        05/02/2013  
                                  3um                            9um

-----  
0th Coef(\*100):            -32801                    -32122  
1st Coef(\*100):            279293                   140886  
2nd Coef(\*100):            -301                      554  
H2O adj(mg/l\*10k):        660                       569

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



Operator Signature  
CHARLES EDER

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 80-004938  
Location = TOXL      8164.13.00 06/09  
05/02/2013      16:14

WET CAL CHECK

Test	AC	Time
01 Room Air	0.000	16:15
02 Std. Sol.	0.021	16:16
03 Room Air	0.000	16:16
04 Std. Sol.	0.021	16:17
05 Room Air	0.000	16:17
06 Std. Sol.	0.021	16:18
07 Room Air	0.000	16:19

08 Sim Temp = 34.0°C

Simul Ser No = DR3455  
Std Sol No = 12210  
County = 08      Oper No. = 666666



Operator Signature  
CHARLES EDER

Remarks: *Low AC*  
*0.020 AC (Sim. Sol)*

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

CMI, Inc. Intoxilyzer      Alcohol Analyzer  
North Dakota Model 8000      SN 80-004938  
Location = TOXL      8164.13.00 06/09  
05/02/2013      16:22

WET CAL CHECK

Test	AC	Time
01 Room Air	0.000	16:23
02 Std. Sol.	0.296	16:23
03 Room Air	0.000	16:24
04 Std. Sol.	0.297	16:25
05 Room Air	0.000	16:25
06 Std. Sol.	0.297	16:26
07 Room Air	0.000	16:26

08 Sim Temp = 34.0°C

Simul Ser No = DR3847  
Std Sol No = 13020  
County = 08      Oper No. = 666666



Operator Signature  
CHARLES EDER

Remarks: *LINEARITY TEST*  
*0.300 AC (SIM. SOL.)*

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

CMI, Inc. Intoxilyzer            Alcohol Analyzer  
North Dakota Model 8000            SN 80-004938  
Location = TOXL                    8164.13.00 06/09  
05/02/2013                            16:30

Test	AC	Time
01 Room Air	0.000	16:31
02 *Subject Test	INT*	16:32
03 Room Air	0.000	16:32

\*Invalid Test  
Interferent Detected

Sub Name = DISCOVER, THE SPIRIT  
Sub DOB = 01/01/1982  
Sub Sex = Female                    Weight = 150  
Test = DUI                            Cit = ZXCVBNMASDFGHJK  
Dr. Lic. = ND/DIS821456  
Lot No = 16512080A2  
Cyl No = 34  
Expiration Date = 08/01/2014  
County = 08                            Oper No. = 666666



Operator Signature  
CHARLES EDER

Remarks: *INTERFERENT CHECK*  
*0.100AC + 0.05% ACETONE*

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

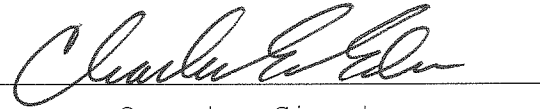
CMI, Inc. Intoxilyzer            Alcohol Analyzer  
North Dakota Model 8000            SN 80-004938  
Location = TOXL                    8164.13.00 06/09  
05/02/2013                            16:33

Test	AC	Time
01 Diagnostic	OK	16:34
02 Room Air	RFI*	16:35
03 Room Air	0.000	16:35

\*Invalid Test  
Inhibited - RFI

Sub Name = DISCOVER, THE SPIRIT  
Sub DOB = 01/01/1982  
Sub Sex = Female                    Weight = 150  
Test = DUI                            Cit = QWERTYUIOPL1234  
Dr. Lic. = ND/DIS821456  
Lot No = 16512080A2  
Cyl No = 34  
Expiration Date = 08/01/2014  
County = 08                            Oper No. = 666666

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



Operator Signature  
CHARLES EDER

Remarks: **RFI CHECK**

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

CMI, Inc. Intoxilyzer      Alcohol Analyzer  
North Dakota Model 8000      SN 80-004938  
Location = TOXL      8164.13.00 06/09  
05/02/2013      16:36

DRY CAL CHECK

Test	AC	Time
01 Room Air	0.000	16:36
02 Std. Gas	0.079	16:37
03 Room Air	0.000	16:37
04 Std. Gas	0.079	16:37
05 Room Air	0.000	16:38
06 Std. Gas	0.080	16:38
07 Room Air	0.000	16:39

Lot No = 16512080A2  
Cyl No = 34  
Exp Date = 08/01/2014  
County = 08      Oper No. = 666666

  
Operator Signature  
CHARLES EDER

Remarks: CALIBRATION CHECK  
0.080 AC (E.G.S.)


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

CMI, Inc. Intoxilyzer            Alcohol Analyzer  
North Dakota Model 8000        SN 80-004938  
Location = TOXL                8164.13.00 06/09  
05/02/2013                      16:39

DRY CAL CHECK

Test	AC	Time
01 Room Air	0.000	16:40
02 Std. Gas	0.079	16:40
03 Room Air	0.000	16:40
04 Std. Gas	0.080	16:41
05 Room Air	0.000	16:41
06 Std. Gas	0.080	16:42
07 Room Air	0.000	16:42

Lot No = 16512080A2  
Cyl No = 34  
Exp Date = 08/01/2014  
County = 08                      Oper No. = 666666

  
Operator Signature  
CHARLES EDER

Remarks: CALIBRATION CHECK  
0.080AC (E.G.S.)



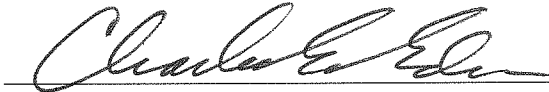
Intoxilyzer Test Record and Checklist  
NDOAG Crime Lab. Div., Bismarck, ND 58501

CMI, Inc. Intoxilyzer            Alcohol Analyzer  
North Dakota Model 8000        SN 80-004938  
Location = TOXL                8164.13.00 06/09  
05/02/2013                        16:42

DRY CAL CHECK

Test	AC	Time
01 Room Air	0.000	16:43
02 Std. Gas	0.080	16:43
03 Room Air	0.000	16:44
04 Std. Gas	0.080	16:44
05 Room Air	0.000	16:45
06 Std. Gas	0.080	16:45
07 Room Air	0.000	16:45

Lot No = 16512080A2  
Cyl No = 34  
Exp Date = 08/01/2014  
County = 08                      Oper No. = 666666



Operator Signature  
CHARLES EDER

Remarks: CALIBRATION CHECK  
0.080AC (E.G.S.)

Form 106-I8000

TOXL  
 Intoxilyzer - Alcohol Analyzer  
 Model 8000 SN 80-004938  
 05/02/2013 15:22:17

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	0.1170	(0.0090)		0.2560	(-0.0210)		MILU-Q H <sub>2</sub> O
Sample #2	0.1110	(0.0620)		0.2190	(0.0210)		
Sample #3	0.1320	(0.0960)		0.2350	(0.0180)		
Sample #4	0.1070	(0.1180)		0.2200	(0.0360)		
Avg % Abs	0.1167	(0.0920)		0.2247	(0.0250)		
STD DEV	0.0134	(0.0282)		0.0090	(0.0096)		
REL STD DEV	11.510	(30.667)		3.989	(38.575)		
Solution = 0.040 g/210L or 0.1905 mg/l, Samples = 4, Discarded = 1							
Sample	% Abs	(% Abs Ref)		% Abs	(% Abs Ref)		
Sample #1	0.8150	(-0.0020)		1.6110	(-0.0100)		0.040g/210L
Sample #2	0.8080	(0.0280)		1.5740	(0.0320)		Lot#: 11150
Sample #3	0.8030	(0.0350)		1.5860	(0.0230)		Exp: 8/9/13
Sample #4	0.7970	(0.0550)		1.5610	(0.0480)		
Avg % Abs	0.8027	(0.0393)		1.5737	(0.0343)		
STD DEV	0.0055	(0.0140)		0.0125	(0.0127)		
REL STD DEV	0.686	(35.623)		0.795	(36.880)		
Solution = 0.080 g/210L or 0.3810 mg/l, Samples = 4, Discarded = 1							
Sample	% Abs	(% Abs Ref)		% Abs	(% Abs Ref)		
Sample #1	1.4850	(-0.0060)		2.9040	(-0.0070)		0.080g/210L
Sample #2	1.4780	(0.0140)		2.8930	(0.0200)		Lot#: 11200
Sample #3	1.4770	(0.0150)		2.8930	(0.0170)		Exp: 10/11/13
Sample #4	1.4890	(0.0190)		2.9230	(0.0130)		
Avg % Abs	1.4813	(0.0160)		2.9030	(0.0167)		
STD DEV	0.0067	(0.0026)		0.0173	(0.0035)		
REL STD DEV	0.449	(16.536)		0.597	(21.071)		
Solution = 0.150 g/210L or 0.7143 mg/l, Samples = 4, Discarded = 1							
Sample	% Abs	(% Abs Ref)		% Abs	(% Abs Ref)		
Sample #1	2.6720	(0.0060)		5.2130	(-0.0070)		0.150g/210L
Sample #2	2.6690	(0.0190)		5.1790	(0.0350)		Lot#: 11230
Sample #3	2.7110	(0.0060)		5.1930	(0.0260)		Exp: 11/17/13
Sample #4	2.6710	(0.0230)		5.1790	(0.0370)		
Avg % Abs	2.6837	(0.0160)		5.1837	(0.0327)		
STD DEV	0.0237	(0.0089)		0.0081	(0.0059)		
REL STD DEV	0.883	(55.551)		0.156	(17.937)		
Solution = 0.200 g/210L or 0.9524 mg/l, Samples = 4, Discarded = 1							
Sample	% Abs	(% Abs Ref)		% Abs	(% Abs Ref)		
Sample #1	3.5540	(-0.0140)		6.8200	(-0.0050)		0.200g/210L
Sample #2	3.5410	(0.0070)		6.8030	(0.0360)		Lot#: 11120
Sample #3	3.5420	(0.0210)		6.8170	(0.0380)		Exp: 7/19/13
Sample #4	3.5390	(0.0160)		6.8080	(0.0410)		
Avg % Abs	3.5407	(0.0147)		6.8093	(0.0383)		
STD DEV	0.0015	(0.0071)		0.0071	(0.0025)		
REL STD DEV	0.043	(48.372)		0.104	(6.565)		

*Charles E. Ede*

TOXL  
 Intoxilyzer - Alcohol Analyzer  
 Model 8000 SN 80-004938  
 05/02/2013 15:22:17

Auto Calibration

```

  <<<<<      3um      >>>>>
  -----
  Zero Order Coef   -328.01
  First Order Coef  2792.93
  Second Order Coef -3.01
  
```

```

  <<<<<      9um      >>>>>
  -----
  Zero Order Coef   -321.22
  First Order Coef  1408.86
  Second Order Coef  5.54
  
```

Act (g/210L)	Fit (g/210L)	Residual (g/210L)
0.000	-0.000	0.0000
0.040	0.040	-0.0001
0.080	0.080	0.0001
0.150	0.150	-0.0001
0.200	0.200	0.0000

Act (g/210L)	Fit (g/210L)	Residual (g/210L)
0.000	-0.000	0.0001
0.040	0.040	-0.0001
0.080	0.080	-0.0001
0.150	0.150	0.0003
0.200	0.200	-0.0001

```

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

```

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

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

Sample	3um	9um
Sample #1	3203.00	3246.00
Sample #2	3134.00	3233.00
Sample #3	3175.00	3257.00
Sample #4	3138.00	3232.00
Avg	3149.0000	3240.6667
STD DEV	22.6053	14.1539
REL STD DEV	0.718	0.437
H2O adjust (mg/l*10k)	660	569

0.080 E.G.S.  
 Lot #: 23411080A1  
 Exp: 10/1/2013  
 CYL: 010

Atmospheric Pressure = 1032

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

