

INTOXILYZER 8000  
REPAIR AND MAINTENANCE

Serial No.: 80-004956

Location: ToxL

- |  | Check When Done |
|--|-----------------|
| 1. Is a three-pronged grounded outlet used?  | <u>OK ✓</u>     |
| 2. Is the warm-up time less than 20 minutes?   | <u>✓</u>        |
| 3. Is the breath tube heated?  | <u>✓</u>        |
| 4. Is the diagnostic check complete?   | <u>✓</u>        |
| 5. Is the time, date, and year correct (re-set if necessary)?  | <u>✓</u>        |
| 6. Print test. (Attach test record.)   | <u>✓</u>        |
| 7. Calibration Check. Use Ethanol Breath Standard (EBS). Do three sets in ACA mode. (Attach test records.) |                 |

Lot No. 23411080A1 Cylinder No. 40 Expir. Date 10/01/2013

Test 1 0.079 Test 4 0.079 Test 7 0.080

Test 2 0.079 Test 5 0.080 Test 8 0.079

Test 3 0.080 Test 6 0.081 Test 9 0.079

Average 0.079

- |  |          |
|--|----------|
| 8. Low AC. Use < 0.03 AC in ACA mode. (Attach test record.)                                      | <u>✓</u> |
| 9. Linearity Test. Use ≥ 0.25 AC in ACA mode. (Attach test record.)                              | <u>✓</u> |
| 10. Interferent check. Use 0.05% acetone plus 0.10 AC ethanol in ABA mode. (Attach test record.) | <u>✓</u> |
| 11. RFI check. Run CMS mode. Key radio on first room air. (Attach test record.)                  | <u>✓</u> |

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 CALIBRATION PERFORMED

12/11/12  
Date

18 Dec 2012  
Date

Charles E. Eden  
Field Inspector's Signature

Deb Kashner  
Reviewed by



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

CMI, Inc. Intoxilyzer      Alcohol Analyzer  
North Dakota Model 8000      SN 80-004956  
Location = TOXL      8164.13.00 06/09  
12/11/2012      11:55

DRY CAL CHECK

Test	AC	Time
01 Room Air	0.000	11:56
02 Std. Gas	0.079	11:56
03 Room Air	0.000	11:57
04 Std. Gas	0.079	11:57
05 Room Air	0.000	11:58
06 Std. Gas	0.080	11:58
07 Room Air	0.000	11:59

Lot No = 23411080A1  
Cyl No = 40  
Exp Date = 10/01/2013  
County = 08      Oper No. = 666666



Operator Signature  
CHARLES EDER

Remarks:

*0.080 AC*  
*Calibration 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 80-004956  
Location = TOXL                 8164.13.00 06/09  
12/11/2012                        12:00

DRY CAL CHECK

Test	AC	Time
01 Room Air	0.000	12:01
02 Std. Gas	0.079	12:01
03 Room Air	0.000	12:02
04 Std. Gas	0.080	12:02
05 Room Air	0.000	12:03
06 Std. Gas	0.081	12:03
07 Room Air	0.000	12:03

Lot No = 23411080A1  
Cyl No = 40  
Exp Date = 10/01/2013  
County = 08                        Oper No. = 666666



Operator Signature  
CHARLES EDER

Remarks:            0.080 AC  
                         CALIBRATION CHECK

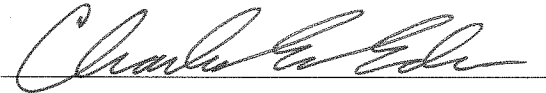
Intoxilyzer Test Record and Checklist  
NDOAG Crime Lab. Div., Bismarck, ND 58501

CMI, Inc. Intoxilyzer      Alcohol Analyzer  
North Dakota Model 8000      SN 80-004956  
Location = TOXL      8164.13.00 06/09  
12/11/2012      12:06

DRY CAL CHECK

Test	AC	Time
01 Room Air	0.000	12:07
02 Std. Gas	0.080	12:07
03 Room Air	0.000	12:08
04 Std. Gas	0.079	12:08
05 Room Air	0.000	12:09
06 Std. Gas	0.079	12:09
07 Room Air	0.000	12:10

Lot No = 23411080A1  
Cyl No = 40  
Exp Date = 10/01/2013  
County = 08      Oper No. = 666666



Operator Signature  
CHARLES EDER

Remarks:      0.080 AC  
CALIBRATION CHECK

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

CMI, Inc. Intoxilyzer      Alcohol Analyzer  
North Dakota Model 8000      SN 80-004956  
Location = TOXL      8164.13.00 06/09  
12/11/2012      12:13

WET CAL CHECK

Test	AC	Time
01 Room Air	0.000	12:14
02 Std. Sol.	0.021	12:15
03 Room Air	0.000	12:15
04 Std. Sol.	0.021	12:16
05 Room Air	0.000	12:17
06 Std. Sol.	0.021	12:17
07 Room Air	0.000	12:18

08 Sim Temp = 34.0°C

Simul Ser No = DR3455

Std Sol No = 12010

County = 08

Oper No. = 666666



Operator Signature  
CHARLES EDER

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 80-004956  
Location = TOXL      8164.13.00 06/09  
12/11/2012      12:20

WET CAL CHECK

Test	AC	Time
01 Room Air	0.000	12:21
02 Std. Sol.	0.299	12:22
03 Room Air	0.000	12:22
04 Std. Sol.	0.300	12:23
05 Room Air	0.000	12:23
06 Std. Sol.	0.300	12:24
07 Room Air	0.000	12:25

08 Sim Temp = 34.0°C

Simul Ser No = DR3847  
Std Sol No = 12050  
County = 08      Oper No. = 666666



Operator Signature  
CHARLES EDER

Remarks:

LINEARITY TEST  
0.300 AC

Form 106-I8000





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

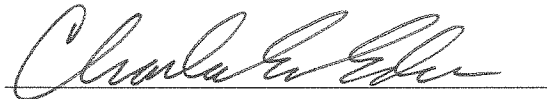
CMI, Inc. Intoxilyzer            Alcohol Analyzer  
North Dakota Model 8000            SN 80-004956  
Location = TOXL                    8164.13.00 06/09  
12/11/2012                            12:42

Test	AC	Time
01 Diagnostic	OK	12:43
02 Room Air	RFI*	12:43
03 Room Air	0.000	12:44

\*Invalid Test  
Inhibited - RFI

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 = 23411080A1  
Cyl No = 40  
Expiration Date = 10/01/2013  
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*

TOXL  
 Intoxilyzer - Alcohol Analyzer  
 Model 8000 SN 80-004956  
 12/11/2012 11:12:45

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	0.1720	(-0.0070)		0.3020	(-0.0100)	
Sample #2	0.1390	(0.0380)		0.2800	(0.0150)	
Sample #3	0.1560	(0.0400)		0.3020	(0.0170)	
Sample #4	0.1580	(0.0590)		0.3130	(0.0060)	
Avg % Abs	0.1510	(0.0457)		0.2983	(0.0127)	
STD DEV	0.0104	(0.0116)		0.0168	(0.0059)	
REL STD DEV	6.914	(25.380)		5.632	(46.259)	
-----						
Solution = 0.040 g/210L or 0.1905 mg/l, Samples = 4, Discarded = 1						
Sample	% Abs	(% Abs Ref)		% Abs	(% Abs Ref)	
Sample #1	0.8410	(0.0000)		1.5950	(-0.0120)	
Sample #2	0.8350	(0.0080)		1.5920	(0.0070)	
Sample #3	0.8040	(0.0300)		1.6120	(-0.0020)	
Sample #4	0.8360	(0.0230)		1.5830	(0.0270)	
Avg % Abs	0.8250	(0.0203)		1.5957	(0.0107)	
STD DEV	0.0182	(0.0112)		0.0148	(0.0148)	
REL STD DEV	2.205	(55.278)		0.930	(139.159)	
-----						
Solution = 0.100 g/210L or 0.4762 mg/l, Samples = 4, Discarded = 1						
Sample	% Abs	(% Abs Ref)		% Abs	(% Abs Ref)	
Sample #1	1.9230	(0.0120)		3.6560	(0.0070)	
Sample #2	1.9130	(0.0300)		3.6330	(0.0300)	
Sample #3	1.9090	(0.0310)		3.6510	(0.0150)	
Sample #4	1.8980	(0.0470)		3.6280	(0.0300)	
Avg % Abs	1.9067	(0.0360)		3.6373	(0.0250)	
STD DEV	0.0078	(0.0095)		0.0121	(0.0087)	
REL STD DEV	0.407	(26.498)		0.333	(34.641)	
-----						
Solution = 0.200 g/210L or 0.9524 mg/l, Samples = 4, Discarded = 1						
Sample	% Abs	(% Abs Ref)		% Abs	(% Abs Ref)	
Sample #1	3.6020	(0.0000)		6.7540	(-0.0310)	
Sample #2	3.5890	(0.0240)		6.7390	(0.0070)	
Sample #3	3.5930	(0.0200)		6.7530	(0.0090)	
Sample #4	3.6250	(0.0090)		6.7780	(-0.0100)	
Avg % Abs	3.6023	(0.0177)		6.7567	(0.0020)	
STD DEV	0.0197	(0.0078)		0.0198	(0.0104)	
REL STD DEV	0.548	(43.967)		0.292	(522.015)	
-----						
Solution = 0.300 g/210L or 1.4286 mg/l, Samples = 4, Discarded = 1						
Sample	% Abs	(% Abs Ref)		% Abs	(% Abs Ref)	
Sample #1	5.2850	(-0.0100)		9.7550	(0.0000)	
Sample #2	5.2700	(0.0200)		9.7310	(0.0450)	
Sample #3	5.2670	(0.0230)		9.7390	(0.0400)	
Sample #4	5.2830	(0.0230)		9.7380	(0.0330)	
Avg % Abs	5.2733	(0.0220)		9.7360	(0.0393)	
STD DEV	0.0085	(0.0017)		0.0044	(0.0060)	
REL STD DEV	0.161	(7.873)		0.045	(15.325)	
-----						

*Charles E. ...*  
 PG 1 of 2  
 Calibration

TOXL  
 Intoxilyzer - Alcohol Analyzer  
 Model 8000 SN 80-004956  
 12/11/2012 11:12:45

Auto Calibration

pg 2 of 2

<<<<< 3um >>>>>  
 -----  
 Zero Order Coef -374.06  
 First Order Coef 2673.72  
 Second Order Coef 20.12

<<<<< 9um >>>>>  
 -----  
 -380.34  
 1373.12  
 13.66

-----  

Act (g/210L)	Fit (g/210L)	Residual (g/210L)
0.000	0.001	-0.0006
0.040	0.039	0.0012
0.100	0.101	-0.0007
0.200	0.200	0.0001
0.300	0.300	0.0000

 -----

-----  

Act (g/210L)	Fit (g/210L)	Residual (g/210L)
0.000	0.001	-0.0006
0.040	0.039	0.0012
0.100	0.101	-0.0007
0.200	0.200	0.0001
0.300	0.300	0.0001

 -----

<<<<< 3um >>>>> <<<<< 9um >>>>>

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

Sample	3um	9um
Sample #1	3072.00	3132.00
Sample #2	3100.00	3116.00
Sample #3	3034.00	3105.00
Sample #4	3078.00	3128.00
Avg	3070.6667	3116.3333
STD DEV	33.6056	11.5036
REL STD DEV	1.094	0.369
H2O adjust (mg/l*10k)	739	693

Atmospheric Pressure = 1007

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

*Charles Miller  
 pg 2 of 2  
 Calibration*