

INTOXILYZER 8000 INSPECTION

Serial No.: 80-003058

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>12010</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>12050</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>—</u> Rep AC <u>0.100</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>23411080A1</u>	Cyl No. <u>40</u>	Exp. Date <u>10/1/2013</u>
Test 1 <u>0.080</u>	Test 4 <u>0.080</u>	Test 7 <u>0.081</u>
Test 2 <u>0.081</u>	Test 5 <u>0.081</u>	Test 8 <u>0.081</u>
Test 3 <u>0.080</u>	Test 6 <u>0.081</u>	Test 9 <u>0.080</u>
Average <u>0.081</u>		

L. Tank pressure, Level 3 Func D Sub G P: 1019 psi Reg 1000 psi

M. Remarks/Maintenance record: CALIBRATION & ANNUAL INSPECTION

15 JUN 12  
Date

Charles E. Eden  
Field Inspector's Signature

18 June 12  
Date

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 80-003058  
Location = TOXL                    8164.13.00 06/09  
06/15/2012                            13:37

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

abcdefghijklmnopqrstuvwxyz1234567890-=\_|  
ABCDEFGHIJKLMNopqrstuvwxyz!@#%&^&\*()\_+?

abcdefghijklmnopqrstuvwxyz1234567890-=\_|  
ABCDEFGHIJKLMNopqrstuvwxyz!@#%&^&\*()\_+?

Current Instrument Setup

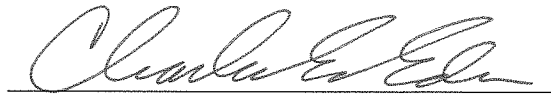
Data Entry Mode:            Enabled  
Start Test Sequence:        DABACABA  
Display Prelim Rslt?        Yes  
Display Third Digit?        Yes  
Inhib Printer(Y/N)?        No  
Display Volume?            No  
Disable On Memfull?        Yes  
# of Print Copies?         1  
Select Std (D/W/I)?        Dry  
Standard Value?            0.080  
Standard Lot #?            11611080A2  
Standard Cyl #?            109  
Standard Expiration?       06/01/2013  
Oper No?                    666666

Flow Cal. Date:            04/07/2008  
Slope                        698  
Intercept                   -678970

IR Calibration Date:        06/15/2012  
                                  3um                    9um

-----  
0th Coef(\*100):            -16721                -10671  
1st Coef(\*100):            275289                133495  
2nd Coef(\*100):            1845                   1150  
H2O adj(mg/l\*10k):        500                    462

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



Operator Signature  
CHARLES EDER

Remarks:            PRINTTEST

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

CMI, Inc. Intoxilyzer      Alcohol Analyzer  
North Dakota Model 8000      SN 80-003058  
Location = TOXL      8164.13.00 06/09  
06/15/2012      13:39

WET CAL CHECK

Test	AC	Time
01 Room Air	0.000	13:39
02 Std. Sol.	0.019	13:40
03 Room Air	0.000	13:41
04 Std. Sol.	0.019	13:41
05 Room Air	0.000	13:42
06 Std. Sol.	0.019	13:43
07 Room Air	0.000	13:43


08 Sim Temp = 34.0°C

Simul Ser No = 000000

Std Sol No = 0000

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 80-003058  
Location = TOXL      8164.13.00 06/09  
06/15/2012      13:44

WET CAL CHECK

Test	AC	Time
01 Room Air	0.000	13:45
02 Std. Sol.	0.301	13:45
03 Room Air	0.000	13:46
04 Std. Sol.	0.301	13:47
05 Room Air	0.000	13:47
06 Std. Sol.	0.300	13:48
07 Room Air	0.000	13:48

08 Sim Temp = 34.0°C

Simul Ser No = 000000  
Std Sol No = 0000  
County = 08      Oper No. = 666666



Operator Signature  
CHARLES EDER

Remarks: *LINER 002 LINEARITY TEST*  
*0.300 Ad*

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 80-003058  
Location = TOXL      8164.13.00 06/09  
06/15/2012      13:50

Test	AC	Time
01 Room Air	0.000	13:51
02 *Subject Test	INT*	13:51
03 Room Air	0.000	13:52

\*Invalid Test  
Interferent Detected

Sub Name = DISCOVER, THE SPIRIT  
Sub DOB = 01/01/1982  
Sub Sex = Female      Weight = 150  
Test = DUI      Cit = QWERTYUIOPASDFG  
Dr. Lic. = ND/DIS821456  
Simul Ser No = 000000  
Std Sol No = 0000  
County = 08      Oper No. = 666666



Operator Signature  
CHARLES EDER

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

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


CMI, Inc. Intoxilyzer      Alcohol Analyzer  
North Dakota Model 8000      SN 80-003058  
Location = TOXL      8164.13.00 06/09  
06/15/2012      13:53

Test	AC	Time
01 Diagnostic	OK	13:54
02 Room Air	RFI*	13:54
03 Room Air	0.000	13:55

\*Invalid Test  
Inhibited - RFI

Sub Name = DISCOVER, THE SPIRIT  
Sub DOB = 01/01/1982  
Sub Sex = Female      Weight = 150  
Test = DUI      Cit = MNBVCXZLKJHG  
Dr. Lic. = ND/DIS821456  
Simul Ser No = 000000  
Std Sol No = 0000  
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 80-003058  
Location = TOXL      8164.13.00 06/09  
06/15/2012      13:57

DRY CAL CHECK

Test	AC	Time
01 Room Air	0.000	13:58
02 Std. Gas	0.080	13:58
03 Room Air	0.000	13:58
04 Std. Gas	0.081	13:59
05 Room Air	0.000	13:59
06 Std. Gas	0.080	14:00
07 Room Air	0.000	14:00

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



Operator Signature  
CHARLES EDER

Remarks: CALIBRATION CHECK  
0.080 AC

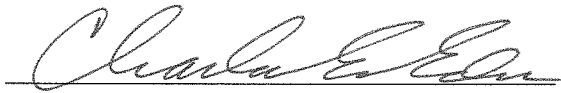
Intoxilyzer Test Record and Checklist  
NDOAG Crime Lab. Div., Bismarck, ND 58501

CMI, Inc. Intoxilyzer      Alcohol Analyzer  
North Dakota Model 8000      SN 80-003058  
Location = TOXL      8164.13.00 06/09  
06/15/2012      14:00

DRY CAL CHECK

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

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



Operator Signature  
CHARLES EDER

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 80-003058  
Location = TOXL      8164.13.00 06/09  
06/15/2012      14:04

DRY CAL CHECK

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

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



Operator Signature  
CHARLES EDER

Remarks: CALIBRATION CHECK  
0.080 AC

Form 106-I8000

~~GRAE TOYL CEE~~

Intoxilyzer - Alcohol Analyzer

Model 8000

SN 80-003058

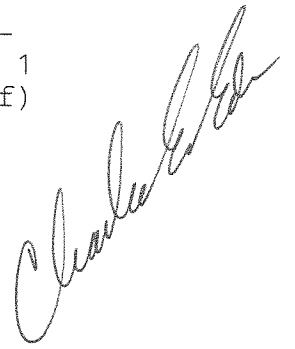
06/15/2012

11:12:35

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	0.0910	(-0.0190)		0.1070	(-0.0310)	
Sample #2	0.0760	(0.0300)		0.0370	(0.0010)	
Sample #3	0.0530	(0.0580)		0.0980	(-0.0090)	
Sample #4	0.0180	(0.0770)		0.0700	(0.0010)	
Avg % Abs	0.0490	(0.0550)		0.0683	(-0.0023)	
STD DEV	0.0292	(0.0236)		0.0305	(0.0058)	
REL STD DEV	59.604	(42.988)		44.684	(247.436)	
-----						
Solution =	0.020	g/210L	or	0.0952	mg/l,	Samples = 4, Discarded = 1
Sample	% Abs	(% Abs Ref)		% Abs	(% Abs Ref)	
Sample #1	0.4150	(-0.0180)		0.7620	(-0.0150)	
Sample #2	0.3990	(0.0000)		0.7640	(-0.0150)	
Sample #3	0.4090	(0.0040)		0.8110	(-0.0250)	
Sample #4	0.4170	(0.0080)		0.7740	(-0.0020)	
Avg % Abs	0.4083	(0.0040)		0.7830	(-0.0140)	
STD DEV	0.0090	(0.0040)		0.0248	(0.0115)	
REL STD DEV	2.209	(100.000)		3.162	(82.375)	
-----						
Solution =	0.100	g/210L	or	0.4762	mg/l,	Samples = 4, Discarded = 1
Sample	% Abs	(% Abs Ref)		% Abs	(% Abs Ref)	
Sample #1	1.7640	(-0.0100)		3.5520	(-0.0210)	
Sample #2	1.8080	(-0.0130)		3.5790	(-0.0150)	
Sample #3	1.8040	(-0.0030)		3.6010	(-0.0220)	
Sample #4	1.7850	(0.0000)		3.5830	(-0.0160)	
Avg % Abs	1.7990	(-0.0053)		3.5877	(-0.0177)	
STD DEV	0.0123	(0.0068)		0.0117	(0.0038)	
REL STD DEV	0.683	(127.629)		0.327	(21.430)	
-----						
Solution =	0.200	g/210L	or	0.9524	mg/l,	Samples = 4, Discarded = 1
Sample	% Abs	(% Abs Ref)		% Abs	(% Abs Ref)	
Sample #1	3.3860	(0.0050)		6.7030	(-0.0120)	
Sample #2	3.4030	(0.0190)		6.7700	(-0.0150)	
Sample #3	3.4140	(0.0240)		6.7460	(-0.0110)	
Sample #4	3.4150	(0.0300)		6.7840	(-0.0130)	
Avg % Abs	3.4107	(0.0243)		6.7667	(-0.0130)	
STD DEV	0.0067	(0.0055)		0.0192	(0.0020)	
REL STD DEV	0.195	(22.634)		0.284	(15.385)	
-----						
Solution =	0.300	g/210L	or	1.4286	mg/l,	Samples = 4, Discarded = 1
Sample	% Abs	(% Abs Ref)		% Abs	(% Abs Ref)	
Sample #1	5.0840	(-0.0260)		9.8890	(0.0060)	
Sample #2	5.0920	(0.0000)		9.9330	(0.0230)	
Sample #3	5.0730	(0.0110)		9.9600	(0.0220)	
Sample #4	5.0960	(-0.0040)		9.9450	(0.0240)	
Avg % Abs	5.0870	(0.0023)		9.9460	(0.0230)	
STD DEV	0.0123	(0.0078)		0.0135	(0.0010)	
REL STD DEV	0.242	(332.891)		0.136	(4.348)	
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~~GRAF TOXL CEE~~

Intoxilyzer - Alcohol Analyzer

Model 8000

SN 80-003058

06/15/2012

11:12:35

Auto Calibration

pg 2 of 2

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

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

Zero Order Coef -167.21  
First Order Coef 2752.89  
Second Order Coef 18.45

-106.71  
1334.95  
11.50

Act (g/210L)	Fit (g/210L)	Residual (g/210L)
0.000	-0.001	0.0007
0.020	0.020	-0.0002
0.100	0.102	-0.0017
0.200	0.198	0.0018
0.300	0.301	-0.0006

Act (g/210L)	Fit (g/210L)	Residual (g/210L)
0.000	-0.000	0.0003
0.020	0.020	0.0001
0.100	0.101	-0.0014
0.200	0.199	0.0015
0.300	0.300	-0.0005

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

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

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

Sample

Sample #1	3307.00	3347.00
Sample #2	3355.00	3374.00
Sample #3	3322.00	3337.00
Sample #4	3250.00	3331.00
Avg	3309.0000	3347.3333
STD DEV	53.6936	23.2881
REL STD DEV	1.623	0.696
H2O adjust (mg/l*10k)	500	462

Atmospheric Pressure = 1011

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

CALIBRATION

CAL. CHECK

0.000 Milli Q H<sub>2</sub>O  
 0.020 Lot #: 12010 (GUTH)  
 0.100 Lot #: 11250 (GUTH)  
 0.200 Lot #: 11120 (GUTH)  
 0.300 Lot #: 11110 (GUTH)  
 0.080 Lot # 05911080A1 (EBS)  
 (CMI-ILMO)

0.040 Lot #: 11150 (GUTH)  
 0.150 Lot #: 11230 (GUTH)  
 0.080 Lot #: 11611080A2 (EBS)  
 (CMI-ILMO)

(GUTH) - GUTH CERTIFIED ALCOHOL REFERENCE SOLUTION FOR SIMULATOR