

INTOXILYZER 8000 INSPECTION

Serial No.: 80-004951

Location: TOXL

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

Lot No. 16512080A2 Cyl No. 34 Exp. Date 08/01/2014

Test 1 0.080 Test 4 0.080 Test 7 0.080

Test 2 0.080 Test 5 0.080 Test 8 0.080

Test 3 0.080 Test 6 0.080 Test 9 0.079

Average 0.080

L. Tank pressure, Level 3 Func D Sub G P: 710 psi Reg 700 psi

M. Remarks/Maintenance record: ANNUAL INSPECTION  
REPLACED EXTERNAL BATTERY 5/7/13, REPLACED SIMULATOR  
RETURN O-RING, CALIBRATION

08 MAY 13  
Date

Charles E. Ed  
Field Inspector's Signature

08 May 13  
Date

Deb Keshur  
Reviewed by

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

CMI, Inc. Intoxilyzer      Alcohol Analyzer  
North Dakota Model 8000      SN 80-004951  
Location = TOXL      8164.13.00 06/09  
05/08/2013      15:15

\*\*\*\*\* 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 #? 23411080A1  
Standard Cyl #? 46  
Standard Expiration? 10/01/2013  
Oper No? 666666

Flow Cal. Date: 06/27/2011  
Slope 704  
Intercept -660586

IR Calibration Date: 05/08/2013  
3um 9um

0th Coef(*100):	-19649	-21799
1st Coef(*100):	272934	139905
2nd Coef(*100):	-428	720
H2O adj(mg/l*10k):	446	535

\*\*\*\*\* 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 80-004951  
Location = TOXL      8164.13.00 06/09  
05/08/2013      15:17

WET CAL CHECK

Test	AC	Time
01 Room Air	0.000	15:17
02 Std. Sol.	0.019	15:18
03 Room Air	0.000	15:19
04 Std. Sol.	0.020	15:20
05 Room Air	0.000	15:20
06 Std. Sol.	0.019	15:21
07 Room Air	0.000	15:21

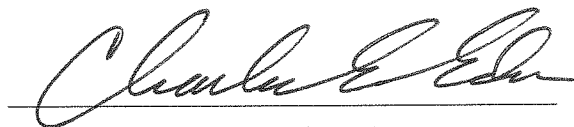
08 Sim Temp = 34.0°C

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 80-004951  
Location = TOXL      8164.13.00 06/09  
05/08/2013      15:25

WET CAL CHECK

Test	AC	Time
01 Room Air	0.000	15:26
02 Std. Sol.	0.298	15:26
03 Room Air	0.000	15:27
04 Std. Sol.	0.299	15:28
05 Room Air	0.000	15:28
06 Std. Sol.	0.300	15:29
07 Room Air	0.000	15:29

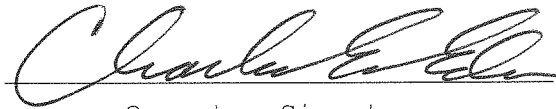
08 Sim Temp = 34.0°C

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.)*

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 80-004951  
Location = TOXL      8164.13.00 06/09  
05/08/2013      15:32

Test	AC	Time
01 Room Air	0.000	15:33
02 *Subject Test	INT*	15:34
03 Room Air	0.000	15:34

\*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  
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*

Form 106-I8000

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

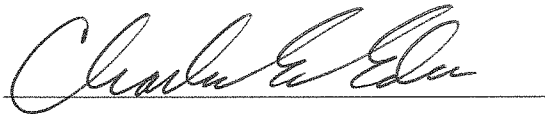
CMI, Inc. Intoxilyzer      Alcohol Analyzer  
North Dakota Model 8000      SN 80-004951  
Location = TOXL      8164.13.00 06/09  
05/08/2013      15:36

Test	AC	Time
01 Diagnostic	OK	15:37
02 Room Air	RFI*	15:37
03 Room Air	0.000	15:37

\*Invalid Test  
Inhibited - RFI

Sub Name = DISCOVER, THE SPIRIT  
Sub DOB = 01/01/1982  
Sub Sex = Female      Weight = 150  
Test = DUI      Cit = MNBVCXZLKJH0987  
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

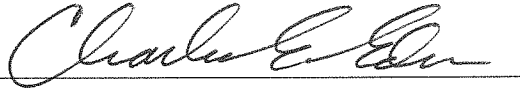
Intoxilyzer Test Record and Checklist  
NDOAG Crime Lab. Div., Bismarck, ND 58501

CMI, Inc. Intoxilyzer      Alcohol Analyzer  
North Dakota Model 8000      SN 80-004951  
Location = TOXL      8164.13.00 06/09  
05/08/2013      15:38

DRY CAL CHECK

Test	AC	Time
01 Room Air	0.000	15:38
02 Std. Gas	0.080	15:39
03 Room Air	0.000	15:39
04 Std. Gas	0.080	15:40
05 Room Air	0.000	15:40
06 Std. Gas	0.080	15:40
07 Room Air	0.000	15:41

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.)*

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 80-004951  
Location = TOXL      8164.13.00 06/09  
05/08/2013      15:41

DRY CAL CHECK

Test	AC	Time
01 Room Air	0.000	15:42
02 Std. Gas	0.080	15:42
03 Room Air	0.000	15:43
04 Std. Gas	0.080	15:43
05 Room Air	0.000	15:43
06 Std. Gas	0.080	15:44
07 Room Air	0.000	15:44

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



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

CMI, Inc. Intoxilyzer      Alcohol Analyzer  
North Dakota Model 8000      SN 80-004951  
Location = TOXL      8164.13.00 06/09  
05/08/2013      15:45

DRY CAL CHECK

Test	AC	Time
01 Room Air	0.000	15:45
02 Std. Gas	0.080	15:45
03 Room Air	0.000	15:46
04 Std. Gas	0.080	15:46
05 Room Air	0.000	15:47
06 Std. Gas	0.079	15:47
07 Room Air	0.000	15:48

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 80-004951  
05/08/2013 14:29:02

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	0.0580	(-0.0020)	0.1520	(-0.0080)	0.000
Sample #2	0.1010	(0.0080)	0.1760	(-0.0170)	MILLI-Q
Sample #3	0.0760	(0.0430)	0.1570	(-0.0050)	H <sub>2</sub> O
Sample #4	0.0390	(0.0860)	0.1440	(0.0020)	
Avg % Abs	0.0720	(0.0457)	0.1590	(-0.0067)	
STD DEV	0.0312	(0.0391)	0.0161	(0.0096)	
REL STD DEV	43.324	(85.551)	10.122	(144.135)	
Solution = 0.040 g/210L or 0.1905 mg/l, Samples = 4, Discarded = 1					
Sample	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)	0.040g/210L
Sample #1	0.7990	(-0.0040)	1.5110	(-0.0030)	Exp. DATE: 8/9/13
Sample #2	0.7780	(0.0240)	1.4940	(0.0000)	Lot#: 11150
Sample #3	0.7840	(0.0290)	1.5010	(0.0140)	
Sample #4	0.7540	(0.0330)	1.5130	(-0.0080)	
Avg % Abs	0.7720	(0.0287)	1.5027	(0.0020)	
STD DEV	0.0159	(0.0045)	0.0096	(0.0111)	
REL STD DEV	2.056	(15.730)	0.639	(556.776)	
Solution = 0.080 g/210L or 0.3810 mg/l, Samples = 4, Discarded = 1					
Sample	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)	0.080g/210L
Sample #1	1.4690	(0.0170)	2.8180	(0.0150)	Exp. DATE: 10/11/13
Sample #2	1.4780	(0.0100)	2.8350	(0.0060)	Lot#: 11200
Sample #3	1.4480	(0.0230)	2.8160	(0.0170)	
Sample #4	1.4800	(0.0190)	2.8440	(-0.0030)	
Avg % Abs	1.4687	(0.0173)	2.8317	(0.0067)	
STD DEV	0.0179	(0.0067)	0.0143	(0.0100)	
REL STD DEV	1.221	(38.413)	0.505	(150.250)	
Solution = 0.150 g/210L or 0.7143 mg/l, Samples = 4, Discarded = 1					
Sample	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)	0.150g/210L
Sample #1	2.6920	(-0.0150)	5.1260	(-0.0070)	Exp. DATE: 11/17/13
Sample #2	2.7000	(-0.0060)	5.1400	(0.0140)	Lot#: 11230
Sample #3	2.6840	(0.0160)	5.1340	(0.0080)	
Sample #4	2.7240	(0.0000)	5.1330	(0.0180)	
Avg % Abs	2.7027	(0.0033)	5.1357	(0.0133)	
STD DEV	0.0201	(0.0114)	0.0038	(0.0050)	
REL STD DEV	0.745	(341.174)	0.074	(37.749)	
Solution = 0.200 g/210L or 0.9524 mg/l, Samples = 4, Discarded = 1					
Sample	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)	0.200g/210L
Sample #1	3.6000	(-0.0210)	6.7190	(-0.0140)	Exp. DATE: 7/19/13
Sample #2	3.5680	(0.0110)	6.7150	(0.0110)	Lot#: 11120
Sample #3	3.6030	(-0.0030)	6.7270	(-0.0010)	
Sample #4	3.5710	(0.0140)	6.7340	(0.0230)	
Avg % Abs	3.5807	(0.0073)	6.7253	(0.0110)	
STD DEV	0.0194	(0.0091)	0.0096	(0.0120)	
REL STD DEV	0.542	(123.733)	0.143	(109.091)	

Charles E. Eden

TOXL  
 Intoxilyzer - Alcohol Analyzer  
 Model 8000 SN 80-004951  
 05/08/2013 14:29:02

Auto Calibration

pg 2 of 2

<<<<< 3um >>>>>  
 -----  
 Zero Order Coef -196.49  
 First Order Coef 2729.34  
 Second Order Coef -4.28  
 -----

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

<<<<< 9um >>>>>  
 -----  
 -217.99  
 1399.05  
 7.20  
 -----

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	0.0002
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  
 Sample #1 3402.00 3291.00  
 Sample #2 3365.00 3253.00  
 Sample #3 3372.00 3276.00  
 Sample #4 3354.00 3295.00  
 Avg 3363.6667 3274.6667  
 STD DEV 9.0738 21.0317  
 REL STD DEV 0.270 0.642  
 H2O adjust (mg/l\*10k) 446 535

Lot #: 23411080A1  
 Exp. Date: 10/1/2013  
 Cyl. No: 046

Atmospheric Pressure = 1016

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

*Charles E. Edwards*