

INTOXILYZER 8000 INSPECTION

Serial No.: 80-004196

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 ≥ 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 + 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. 11611080A2 Cyl No. 108 Exp. Date 06/01/2013

Test 1 <u>0.080</u>	Test 4 <u>0.079</u>	Test 7 <u>0.080</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>0.079</u>	Test 9 <u>0.080</u>

Average 0.079

L. Tank pressure, Level 3 Func D Sub G P: 129 psi Reg 125 psi

M. Remarks/Maintenance record: CALIBRATION, ANNUAL INSPECTION
EXTERNAL BATTERY REPLACED BY DK 4.24.13

25 APR 13
Date

Chala E. Edwards
Field Inspector's Signature

26 Apr 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 80-004196
Location = TOXL 8164.13.00 06/09
04/25/2013 16:17

***** Printer Test *****

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

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

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 #? 108
Standard Expiration? 06/01/2013
Oper No? 666666

Flow Cal. Date: 06/04/2009
Slope 727
Intercept -600779

IR Calibration Date: 04/25/2013
 3um 9um

0th Coef(*100): -31440 -19588
1st Coef(*100): 280397 135844
2nd Coef(*100): -1584 629
H2O adj(mg/l*10k): 540 419

***** 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 80-004196
Location = TOXL 8164.13.00 06/09
04/25/2013 16:44

WET CAL CHECK

Test	AC	Time
01 Room Air	0.000	16:45
02 Std. Sol.	0.023	16:45
03 Room Air	0.000	16:46
04 Std. Sol.	0.023	16:47
05 Room Air	0.000	16:47
06 Std. Sol.	0.023	16:48
07 Room Air	0.000	16:48

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

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 80-004196
Location = TOXL 8164.13.00 06/09
04/25/2013 16:34

WET CAL CHECK

Test	AC	Time
01 Room Air	0.000	16:34
02 Std. Sol.	0.295	16:35
03 Room Air	0.000	16:36
04 Std. Sol.	0.298	16:37
05 Room Air	0.000	16:37
06 Std. Sol.	0.298	16:38
07 Room Air	0.000	16:39

08 Sim Temp = 34.0°C

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



Operator Signature
CHARLES EDER

Remarks: 0.300 AC
LINEARITY TEST

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

CMI, Inc. Intoxilyzer Alcohol Analyzer
North Dakota Model 8000 SN 80-004196
Location = TOXL 8164.13.00 06/09
04/25/2013 16:18

Test	AC	Time
01 Room Air	0.000	16:19
02 *Subject Test	INT*	16:19
03 Room Air	0.000	16:20

*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 = 11611080A2
Cyl No = 108
Expiration Date = 06/01/2013
County = 08 Oper No. = 666666



Operator Signature
CHARLES EDER

Remarks: *INTERFERENT CHECK*
0.100AC + 0.050% ACETONE

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

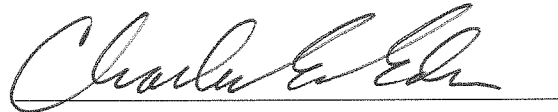
CMI, Inc. Intoxilyzer Alcohol Analyzer
North Dakota Model 8000 SN 80-004196
Location = TOXL 8164.13.00 06/09
04/25/2013 16:23

Test	AC	Time
01 Diagnostic	OK	16:24
02 Room Air	RFI*	16:24
03 Room Air	0.000	16:25

*Invalid Test
 Inhibited - RFI

Sub Name = DISCOVER, THE SPIRIT
Sub DOB = 01/01/1982
Sub Sex = Female Weight = 150
Test = DUI Cit = MNBVCXZLKJHGFDS
Dr. Lic. = ND/DIS821456
Lot No = 11611080A2
Cyl No = 108
Expiration Date = 06/01/2013
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*

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

CMI, Inc. Intoxilyzer Alcohol Analyzer
North Dakota Model 8000 SN 80-004196
Location = TOXL 8164.13.00 06/09
04/25/2013 16:52

DRY CAL CHECK

Test	AC	Time
01 Room Air	0.000	16:52
02 Std. Gas	0.080	16:53
03 Room Air	0.000	16:53
04 Std. Gas	0.080	16:54
05 Room Air	0.000	16:54
06 Std. Gas	0.079	16:54
07 Room Air	0.000	16:55

Lot No = 11611080A2
Cyl No = 108
Exp Date = 06/01/2013
County = 08 Oper No. = 666666



Operator Signature
CHARLES EDER

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

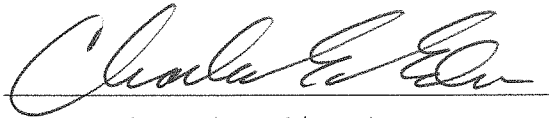
Intoxilyzer Test Record and Checklist
NDOAG Crime Lab. Div., Bismarck, ND 58501

CMI, Inc. Intoxilyzer Alcohol Analyzer
North Dakota Model 8000 SN 80-004196
Location = TOXL 8164.13.00 06/09
04/25/2013 16:55

DRY CAL CHECK

Test	AC	Time
01 Room Air	0.000	16:56
02 Std. Gas	0.079	16:56
03 Room Air	0.000	16:57
04 Std. Gas	0.079	16:57
05 Room Air	0.000	16:58
06 Std. Gas	0.079	16:58
07 Room Air	0.000	16:58

Lot No = 11611080A2
Cyl No = 108
Exp Date = 06/01/2013
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 80-004196
Location = TOXL 8164.13.00 06/09
04/25/2013 16:59

DRY CAL CHECK

Test	AC	Time
01 Room Air	0.000	16:59
02 Std. Gas	0.080	17:00
03 Room Air	0.000	17:00
04 Std. Gas	0.079	17:00
05 Room Air	0.000	17:01
06 Std. Gas	0.080	17:01
07 Room Air	0.000	17:02

Lot No = 11611080A2
Cyl No = 108
Exp Date = 06/01/2013
County = 08 Oper No. = 666666



Operator Signature
CHARLES EDER

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

TOXL
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-004196
04/25/2013 15:30:46

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	0.1240	(-0.0200)		0.1670	(-0.0050)	
Sample #2	0.1210	(0.0280)		0.1510	(-0.0030)	
Sample #3	0.0920	(0.0170)		0.1510	(-0.0080)	
Sample #4	0.1370	(0.0230)		0.1340	(0.0000)	
Avg % Abs	0.1167	(0.0227)		0.1453	(-0.0037)	
STD DEV	0.0228	(0.0055)		0.0098	(0.0040)	
REL STD DEV	19.552	(24.298)		6.753	(110.221)	

Solution =	0.040	g/210L	or	0.1905	mg/l,	Samples = 4, Discarded = 1
Sample	% Abs	(% Abs Ref)		% Abs	(% Abs Ref)	
Sample #1	0.7950	(0.0070)		1.5500	(0.0130)	
Sample #2	0.7800	(0.0070)		1.5230	(-0.0070)	
Sample #3	0.7740	(-0.0250)		1.5400	(-0.0190)	
Sample #4	0.8040	(-0.0630)		1.5280	(-0.0210)	
Avg % Abs	0.7860	(-0.0270)		1.5303	(-0.0157)	
STD DEV	0.0159	(0.0350)		0.0087	(0.0076)	
REL STD DEV	2.020	(129.788)		0.571	(48.331)	

Solution =	0.080	g/210L	or	0.3810	mg/l,	Samples = 4, Discarded = 1
Sample	% Abs	(% Abs Ref)		% Abs	(% Abs Ref)	
Sample #1	1.4690	(0.0040)		2.9290	(-0.0300)	
Sample #2	1.4510	(-0.0090)		2.8990	(-0.0140)	
Sample #3	1.5160	(-0.0510)		2.9290	(-0.0300)	
Sample #4	1.4920	(-0.0090)		2.9190	(0.0080)	
Avg % Abs	1.4863	(-0.0230)		2.9157	(-0.0120)	
STD DEV	0.0329	(0.0242)		0.0153	(0.0191)	
REL STD DEV	2.211	(105.429)		0.524	(158.990)	

Solution =	0.150	g/210L	or	0.7143	mg/l,	Samples = 4, Discarded = 1
Sample	% Abs	(% Abs Ref)		% Abs	(% Abs Ref)	
Sample #1	2.7040	(0.0140)		5.2920	(0.0000)	
Sample #2	2.7020	(0.0600)		5.2740	(0.0210)	
Sample #3	2.7090	(0.0680)		5.2540	(0.0480)	
Sample #4	2.7020	(0.0700)		5.2810	(0.0280)	
Avg % Abs	2.7043	(0.0660)		5.2697	(0.0323)	
STD DEV	0.0040	(0.0053)		0.0140	(0.0140)	
REL STD DEV	0.149	(8.017)		0.266	(43.336)	

Solution =	0.200	g/210L	or	0.9524	mg/l,	Samples = 4, Discarded = 1
Sample	% Abs	(% Abs Ref)		% Abs	(% Abs Ref)	
Sample #1	3.5990	(0.0110)		6.8890	(-0.0070)	
Sample #2	3.5800	(0.0530)		6.9220	(0.0070)	
Sample #3	3.5930	(0.0680)		6.9460	(0.0000)	
Sample #4	3.5640	(0.0820)		6.9330	(0.0240)	
Avg % Abs	3.5790	(0.0677)		6.9337	(0.0103)	
STD DEV	0.0145	(0.0145)		0.0120	(0.0123)	
REL STD DEV	0.406	(21.433)		0.173	(119.442)	

Charles E. [Signature]
4.25.13

TOXL
 Intoxilyzer - Alcohol Analyzer
 Model 8000 SN 80-004196
 04/25/2013 15:30:46

Auto Calibration

pg 2 of 2

<<<<< 3um >>>>>			<<<<< 9um >>>>>		
Zero Order Coef	-314.40			-195.88	
First Order Coef	2803.97			1358.44	
Second Order Coef	-15.84			6.29	
Act (g/210L)	Fit (g/210L)	Residual (g/210L)	Act (g/210L)	Fit (g/210L)	Residual (g/210L)
0.000	0.000	-0.0003	0.000	0.000	-0.0000
0.040	0.039	0.0005	0.040	0.040	0.0001
0.080	0.080	-0.0002	0.080	0.080	-0.0002
0.150	0.150	-0.0002	0.150	0.150	0.0001
0.200	0.200	0.0001	0.200	0.200	-0.0000

<<<<< 3um >>>>>		<<<<< 9um >>>>>	
Solution = 0.080 g/210L or 0.3810 mg/l, Samples = 4, Discarded = 1			
Sample #1	3131.00	3399.00	
Sample #2	3302.00	3405.00	
Sample #3	3291.00	3385.00	
Sample #4	3216.00	3381.00	
Avg	3269.6667	3390.3333	
STD DEV	46.8010	12.8582	
REL STD DEV	1.431	0.379	
H2O adjust (mg/l*10k)	540	419	

Charles E. Ed
 4.25.13

Atmospheric Pressure = 1007

*****CALIBRATION SUCCESSFUL*****

STD #	VALUE (g/210L)	LOT #	Exp. DATE
1	0.000	MILLI-Q H ₂ O	NA
2	0.040	11150	8/9/13
3	0.080	11200	10/11/13
4	0.150	11230	11/17/13
5	0.200	11120	7/19/13

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

CMI, Inc. Intoxilyzer Alcohol Analyzer
North Dakota Model 8000 SN 80-004196
Location = TOXL 8164.13.00 06/09
04/25/2013 15:14

WET CAL CHECK

Test	AC	Time
01 Room Air	0.000	15:14
02 Std. Sol.	0.027	15:15
03 Room Air	0.000	15:16
04 Std. Sol.	0.026	15:16
05 Room Air	0.000	15:17
06 Std. Sol.	0.026	15:18
07 Room Air	0.000	15:18

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
(Sol)

Form 106-I8000

- ✓ 0.000 (MILLI-Q H₂O)
- ✓ 0.040
- ✓ 0.080
- ✓ 0.150
- ✓ 0.200
- ✓ 0.080 EGS.

CALIBRATION NEEDED