

INTOXILYZER 8000 INSPECTION

Serial No.: 80-004199

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.)
Sim SN <u>DR3455</u> Lot No. <u>10290</u> Rep AC <u>0.020</u> | <u>✓</u> |
| H. Linearity Test. Use ≥ 0.25 AC in ACA mode. (Attach test record.)
Sim SN <u>DR3847</u> Lot No. <u>11110</u> Rep AC <u>0.300</u> | <u>✓</u> |
| I. Interferent check. Use 0.05% acetone plus 0.10 AC ethanol in ABA mode.
(Attach test record.)
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.
(Attach test record.) | <u>✓</u> |
| K. Calibration Check. Use Ethanol Breath Standard cylinder. Do three sets in ACA mode.
(Attach test record.) | |

Lot No. <u>23411080A1</u>	Cyl No. <u>65</u>	Exp. Date <u>10/01/2013</u>
Test 1 <u>0.078</u>	Test 4 <u>0.079</u>	Test 7 <u>0.079</u>
Test 2 <u>0.078</u>	Test 5 <u>0.079</u>	Test 8 <u>0.078</u>
Test 3 <u>0.078</u>	Test 6 <u>0.078</u>	Test 9 <u>0.078</u>
Average <u>0.078</u>		

L. Tank pressure, Level 3 Func D Sub G P: 368 psi Reg 375 psi

M. Remarks/Maintenance record: ANNUAL INSPECTION, REPLACED REGULATOR ASSEMBLY, CALIBRATION

26 APR 12
Date

Charles E. Edin
Field Inspector's Signature

26 Apr 2012
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 80-004199
Location = TOXL 8164.13.00 06/09
04/26/2012 10:59

***** 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 #? 65
Standard Expiration? 10/01/2013
Oper No? 666666

Flow Cal. Date: 07/05/2011
Slope 672
Intercept -604945

IR Calibration Date: 04/26/2012
 3um 9um

0th Coef(*100): -20552 -25225
1st Coef(*100): 263837 131160
2nd Coef(*100): 3599 1386
H2O adj(mg/l*10k): 516 667

***** 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 80-004199
Location = TOXL 8164.13.00 06/09
04/26/2012 11:02

WET CAL CHECK

Test	AC	Time
01 Room Air	0.000	11:03
02 Std. Sol.	0.019	11:03
03 Room Air	0.000	11:04
04 Std. Sol.	0.018	11:05
05 Room Air	0.000	11:05
06 Std. Sol.	0.019	11:06
07 Room Air	0.000	11:06

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

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

CMI, Inc. Intoxilyzer Alcohol Analyzer
North Dakota Model 8000 SN 80-004199
Location = TOXL 8164.13.00 06/09
04/26/2012 11:09

WET CAL CHECK

Test	AC	Time
01 Room Air	0.000	11:10
02 Std. Sol.	0.295	11:11
03 Room Air	0.000	11:11
04 Std. Sol.	0.296	11:12
05 Room Air	0.000	11:13
06 Std. Sol.	0.297	11:13
07 Room Air	0.000	11:14

08 Sim Temp = 34.0°C

Simul Ser No = 000000

Std Sol No = 0000

County = 08

Oper No. = 666666



Operator Signature
CHARLES EDER

Remarks:

LINEARITY TEST
0.300

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 80-004199
Location = TOXL 8164.13.00 06/09
04/26/2012 11:20

Test	AC	Time
01 Room Air	0.000	11:21
02 *Subject Test	INT*	11:22
03 Room Air	0.000	11:22

*Invalid Test
Interferent Detected

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



Operator Signature
CHARLES EDER

Remarks: *INTERFERENT CHECK*
0.100AC + ACETONE

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

CMI, Inc. Intoxilyzer Alcohol Analyzer
North Dakota Model 8000 SN 80-004199
Location = TOXL 8164.13.00 06/09
04/26/2012 11:24

Test	AC	Time
01 Diagnostic	OK	11:25
02 Room Air	RFI*	11:25
03 Room Air	0.000	11:25

*Invalid Test
Inhibited - RFI

Sub Name = DISCOVER, THE SPIRIT
Sub DOB = 01/01/1982
Sub Sex = Female Weight = 150
Test = DUI Cit = QWERTYUIOPLKJHG
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 80-004199
Location = TOXL 8164.13.00 06/09
04/26/2012 11:27

DRY CAL CHECK

Test	AC	Time
01 Room Air	0.000	11:28
02 Std. Gas	0.078	11:28
03 Room Air	0.000	11:29
04 Std. Gas	0.078	11:29
05 Room Air	0.000	11:29
06 Std. Gas	0.078	11:30
07 Room Air	0.000	11:30

Lot No = 23411080A1
Cyl No = 65
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 80-004199
Location = TOXL 8164.13.00 06/09
04/26/2012 11:31

DRY CAL CHECK

Test	AC	Time
01 Room Air	0.000	11:32
02 Std. Gas	0.079	11:32
03 Room Air	0.000	11:33
04 Std. Gas	0.079	11:33
05 Room Air	0.000	11:34
06 Std. Gas	0.078	11:34
07 Room Air	0.000	11:35

Lot No = 23411080A1
Cyl No = 65
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 80-004199
Location = TOXL 8164.13.00 06/09
04/26/2012 11:36

DRY CAL CHECK

Test	AC	Time
01 Room Air	0.000	11:37
02 Std. Gas	0.079	11:37
03 Room Air	0.000	11:38
04 Std. Gas	0.078	11:38
05 Room Air	0.000	11:39
06 Std. Gas	0.078	11:39
07 Room Air	0.000	11:39

Lot No = 23411080A1
Cyl No = 65
Exp Date = 10/01/2013
County = 08 Oper No. = 666666



Operator Signature
CHARLES EDER

Remarks: *CALIBRATION CHECK*
0.080AC

TOXL
 Intoxilyzer - Alcohol Analyzer
 Model 8000 SN 80-004199
 04/26/2012 09:57:52

Auto Calibration

	<<<<< 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	0.0720	(0.0130)	0.1960	(0.0050)
Sample #2	0.1090	(0.0210)	0.2030	(0.0160)
Sample #3	0.0930	(0.0530)	0.2080	(0.0170)
Sample #4	0.0650	(0.0790)	0.2220	(0.0210)
Avg % Abs	0.0890	(0.0510)	0.2110	(0.0180)
STD DEV	0.0223	(0.0291)	0.0098	(0.0026)
REL STD DEV	25.024	(56.964)	4.668	(14.699)

Solution = 0.040 g/210L or 0.1905 mg/l, Samples = 4, Discarded = 1				
Sample	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)
Sample #1	0.7450	(0.0080)	1.5550	(-0.0130)
Sample #2	0.7580	(0.0130)	1.5560	(0.0020)
Sample #3	0.7720	(0.0130)	1.6150	(-0.0190)
Sample #4	0.7870	(0.0240)	1.5930	(-0.0070)
Avg % Abs	0.7723	(0.0167)	1.5880	(-0.0080)
STD DEV	0.0145	(0.0064)	0.0298	(0.0105)
REL STD DEV	1.878	(38.105)	1.878	(131.696)

Solution = 0.100 g/210L or 0.4762 mg/l, Samples = 4, Discarded = 1				
Sample	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)
Sample #1	1.8090	(-0.0220)	3.6570	(0.0100)
Sample #2	1.8400	(0.0000)	3.6670	(0.0200)
Sample #3	1.8430	(0.0080)	3.7020	(0.0110)
Sample #4	1.8470	(0.0060)	3.6820	(0.0130)
Avg % Abs	1.8433	(0.0047)	3.6837	(0.0147)
STD DEV	0.0035	(0.0042)	0.0176	(0.0047)
REL STD DEV	0.191	(89.214)	0.477	(32.221)

Solution = 0.200 g/210L or 0.9524 mg/l, Samples = 4, Discarded = 1				
Sample	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)
Sample #1	3.5030	(0.0000)	6.9240	(-0.0050)
Sample #2	3.4960	(0.0310)	6.9410	(0.0000)
Sample #3	3.5420	(0.0170)	6.9650	(-0.0110)
Sample #4	3.5270	(0.0320)	6.9580	(-0.0040)
Avg % Abs	3.5217	(0.0267)	6.9547	(-0.0050)
STD DEV	0.0235	(0.0084)	0.0123	(0.0056)
REL STD DEV	0.666	(31.449)	0.177	(111.355)

Solution = 0.300 g/210L or 1.4286 mg/l, Samples = 4, Discarded = 1				
Sample	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)
Sample #1	5.1410	(-0.0180)	10.0200	(-0.0270)
Sample #2	5.1320	(-0.0010)	10.0230	(0.0100)
Sample #3	5.1500	(0.0050)	10.0150	(0.0120)
Sample #4	5.1120	(0.0320)	10.0150	(0.0100)
Avg % Abs	5.1313	(0.0120)	10.0177	(0.0107)
STD DEV	0.0190	(0.0176)	0.0046	(0.0012)
REL STD DEV	0.370	(146.487)	0.046	(10.825)

CALIBRATION
Charles E. Baker
 pg 1 of 2

TOXL
 Intoxilyzer - Alcohol Analyzer
 Model 8000 SN 80-004199
 04/26/2012 09:57:52

Auto Calibration

pg 2 of 2

<<<<< 3um >>>>>			<<<<< 9um >>>>>		
Zero Order Coef	-205.52			-252.25	
First Order Coef	2638.37			1311.60	
Second Order Coef	35.99			13.86	
Act (g/210L)	Fit (g/210L)	Residual (g/210L)	Act (g/210L)	Fit (g/210L)	Residual (g/210L)
0.000	0.001	-0.0006	0.000	0.001	-0.0005
0.040	0.039	0.0011	0.040	0.039	0.0008
0.100	0.100	-0.0004	0.100	0.100	-0.0001
0.200	0.200	-0.0002	0.200	0.200	-0.0003
0.300	0.300	0.0001	0.300	0.300	0.0002

<<<<< 3um >>>>>		<<<<< 9um >>>>>	
Solution = 0.080 g/210L or 0.3810 mg/l, Samples = 4, Discarded = 1			
Sample			
Sample #1	3319.00		3147.00
Sample #2	3208.00		3137.00
Sample #3	3322.00		3155.00
Sample #4	3349.00		3136.00
Avg	3293.0000		3142.6667
STD DEV	74.8398		10.6927
REL STD DEV	2.273		0.340
H2O adjust (mg/l*10k)	516		667

Atmospheric Pressure = 1022

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

CALIBRATION
Charles E. Eide
pg 2 of 2