

INTOXILYZER 8000 INSPECTION

Serial No.: 80-005357

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 DR5191 Lot No. 12105 Rep AC 0.400 ✓
- 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 0.10AC + 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. 026 Exp. Date 8-1-2014
Test 1 0.080 Test 4 0.080 Test 7 0.080
Test 2 0.079 Test 5 0.079 Test 8 0.079
Test 3 0.080 Test 6 0.079 Test 9 0.080
Average 0.080

L. Tank pressure, Level 3 Func D Sub G P: 911 psi Reg 900 psi

M. Remarks/Maintenance record: ANNUAL INSPECTION, CALIBRATION, REPAIRED BREATH TUBE O-RING

25 SEP 13
Date

Charles E. Ed
Field Inspector's Signature

26 Sept 2013 ✓
Date

Deb Kashur
Reviewed by

TOXL
 Intoxilyzer - Alcohol Analyzer
 Model 8000 SN 80-005357
 09/25/2013 15:18:24

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	0.0490	(0.0230)	0.1170	(0.0150)
Sample #2	0.0560	(0.0610)	0.1300	(0.0150)
Sample #3	0.0290	(0.1150)	0.1320	(0.0260)
Sample #4	0.0510	(0.1170)	0.1270	(0.0200)
Avg % Abs	0.0453	(0.0977)	0.1297	(0.0203)
STD DEV	0.0144	(0.0318)	0.0025	(0.0055)
REL STD DEV	31.686	(32.529)	1.941	(27.086)

MILLI Q H₂O
 0.000 AC
 Sim: DRS188

Solution = 0.040 g/210L or 0.1905 mg/l, Samples = 4, Discarded = 1

Sample	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)
Sample #1	0.7590	(-0.0010)	1.4730	(0.0000)
Sample #2	0.7830	(0.0020)	1.4920	(0.0040)
Sample #3	0.7680	(0.0170)	1.4820	(0.0060)
Sample #4	0.7300	(0.0390)	1.4610	(0.0320)
Avg % Abs	0.7603	(0.0193)	1.4783	(0.0140)
STD DEV	0.0273	(0.0186)	0.0158	(0.0156)
REL STD DEV	3.593	(96.259)	1.070	(111.575)

0.040 AC
 Lot#: 13060
 Exp: 2-4-15
 Sim: DRS115

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

Sample	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)
Sample #1	1.4740	(-0.0290)	2.7880	(-0.0120)
Sample #2	1.4650	(0.0100)	2.8100	(-0.0100)
Sample #3	1.5060	(-0.0050)	2.8530	(-0.0300)
Sample #4	1.4870	(0.0060)	2.8340	(-0.0300)
Avg % Abs	1.4860	(0.0037)	2.8323	(-0.0233)
STD DEV	0.0205	(0.0078)	0.0215	(0.0115)
REL STD DEV	1.381	(211.840)	0.761	(49.487)

0.080 AC
 Lot#: 13190
 Exp: 7-16-15
 Sim: DRS189

Solution = 0.150 g/210L or 0.7143 mg/l, Samples = 4, Discarded = 1

Sample	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)
Sample #1	2.6710	(-0.0010)	5.0490	(-0.0110)
Sample #2	2.6970	(0.0050)	5.0650	(0.0120)
Sample #3	2.6730	(0.0210)	5.0890	(0.0000)
Sample #4	2.6750	(0.0270)	5.0850	(0.0000)
Avg % Abs	2.6817	(0.0177)	5.0797	(0.0040)
STD DEV	0.0133	(0.0114)	0.0129	(0.0069)
REL STD DEV	0.497	(64.373)	0.253	(173.205)

0.150 AC
 Lot#: 13150
 Exp: 6-11-15
 Sim: DRS190

Solution = 0.300 g/210L or 1.4286 mg/l, Samples = 4, Discarded = 1

Sample	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)
Sample #1	5.2910	(-0.0140)	9.7410	(-0.0230)
Sample #2	5.2440	(0.0330)	9.7000	(0.0450)
Sample #3	5.2500	(0.0350)	9.7590	(0.0200)
Sample #4	5.3070	(0.0120)	9.7620	(0.0240)
Avg % Abs	5.2670	(0.0267)	9.7403	(0.0297)
STD DEV	0.0348	(0.0127)	0.0350	(0.0134)
REL STD DEV	0.660	(47.779)	0.359	(45.266)

0.300 AC
 Lot#: 13080
 Exp: 3-19-15
 Sim: DRS114

Charles E. Egan

TOXL
 Intoxilyzer - Alcohol Analyzer
 Model 8000 SN 80-005357
 09/25/2013 15:18:24

Auto Calibration

pg 2 of 2

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<<<<<      3um      >>>>>
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Zero Order Coef   -132.15
First Order Coef  2660.96
Second Order Coef  14.69
  
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<<<<<      9um      >>>>>
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Zero Order Coef   -180.87
First Order Coef  1388.79
Second Order Coef   9.91
  
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Act      Fit      Residual
(g/210L) (g/210L) (g/210L)
0.000    -0.000    0.0002
0.040    0.040    0.0001
0.080    0.081    -0.0009
0.150    0.149    0.0007
0.300    0.300    -0.0001
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Act      Fit      Residual
(g/210L) (g/210L) (g/210L)
0.000    -0.000    0.0000
0.040    0.040    0.0002
0.080    0.080    -0.0005
0.150    0.150    0.0003
0.300    0.300    -0.0000
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```

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

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

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

Sample			
Sample #1	3323.00	3207.00	0.080 AC
Sample #2	3323.00	3218.00	Lot#: 16512080A2
Sample #3	3315.00	3180.00	Exp: 8-1-2014
Sample #4	3190.00	3170.00	Cyl #: 026
Avg	3276.0000	3189.3333	
STD DEV	74.5855	25.3246	
REL STD DEV	2.277	0.794	
H2O adjust (mg/l*10k)	533	620	

Atmospheric Pressure = 1000

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



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

CMI, Inc. Intoxilyzer Alcohol Analyzer
North Dakota Model 8000 SN 80-005357
Location = TOXL 8164.13.00 06/09
09/25/2013 16:15

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

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

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

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 #? 16512080A2
Standard Cyl #? 26
Standard Expiration? 08/01/2014
Oper No? 666666

Flow Cal. Date: 08/17/2011
Slope 663
Intercept -589414

IR Calibration Date: 09/25/2013
 3um 9um

0th Coef(*100): -13215 -18087
1st Coef(*100): 266096 138879
2nd Coef(*100): 1469 991
H2O adj(mg/l*10k): 533 620

***** 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 80-005357
Location = TOXL 8164.13.00 06/09
09/25/2013 16:17

WET CAL CHECK

Test	AC	Time
01 Room Air	0.000	16:17
02 Std. Sol.	0.019	16:18
03 Room Air	0.000	16:19
04 Std. Sol.	0.020	16:19
05 Room Air	0.000	16:20
06 Std. Sol.	0.020	16:21
07 Room Air	0.000	16:21

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 CHECK*
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 80-005357
Location = TOXL 8164.13.00 06/09
09/25/2013 16:29

WET CAL CHECK

Test	AC	Time
01 Room Air	0.000	16:29
02 Std. Sol.	0.395	16:30
03 Room Air	0.000	16:31
04 Std. Sol.	0.394	16:31
05 Room Air	0.000	16:32
06 Std. Sol.	0.394	16:33
07 Room Air	0.000	16:33

08 Sim Temp = 34.0°C

Simul Ser No = DR5191

Std Sol No = 12105

County = 08

Oper No. = 666666



Operator Signature
CHARLES EDER

Remarks: *LINEARITY TEST*
0.400 AC

Form 106-I8000

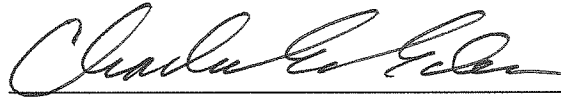
Intoxilyzer Test Record and Checklist
NDOAG Crime Lab. Div., Bismarck, ND 58501

CMI, Inc. Intoxilyzer Alcohol Analyzer
North Dakota Model 8000 SN 80-005357
Location = TOXL 8164.13.00 06/09
09/25/2013 16:37

Test	AC	Time
01 Room Air	0.000	16:38
02 *Subject Test	INT*	16:39
03 Room Air	0.000	16:40

*Invalid Test
Interferent Detected

Sub Name = DISCOVER, THE SPIRIT
Sub DOB = 01/01/1982
Sub Sex = Female Weight = 150
Test = DUI Cit = INTERFERENT
Dr. Lic. = ND/DIS821456
Lot No = 16512080A2
Cyl No = 26
Expiration Date = 08/01/2014
County = 08 Oper No. = 666666



Operator Signature
CHARLES EDER

Remarks: *INTERFERENT CHECK*
0.10AC + 0.05% ACETONE

Form 106-I8000

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

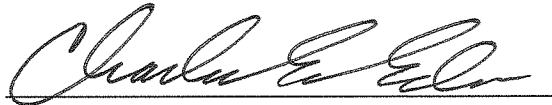
CMI, Inc. Intoxilyzer Alcohol Analyzer
North Dakota Model 8000 SN 80-005357
Location = TOXL 8164.13.00 06/09
09/25/2013 16:41

Test	AC	Time
01 Diagnostic	OK	16:42
02 Room Air	RFI*	16:42
03 Room Air	0.000	16:42

*Invalid Test
Inhibited - RFI

Sub Name = DISCOVER, THE SPIRIT
Sub DOB = 01/01/1982
Sub Sex = Female Weight = 150
Test = DUI Cit = RFI CHECK
Dr. Lic. = ND/DIS821456
Lot No = 16512080A2
Cyl No = 26
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

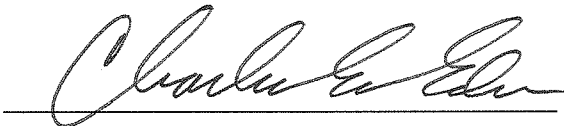
Intoxilyzer Test Record and Checklist
NDOAG Crime Lab. Div., Bismarck, ND 58501

CMI, Inc. Intoxilyzer Alcohol Analyzer
North Dakota Model 8000 SN 80-005357
Location = TOXL 8164.13.00 06/09
09/25/2013 16:43

DRY CAL CHECK

Test	AC	Time
01 Room Air	0.000	16:44
02 Std. Gas	0.080	16:44
03 Room Air	0.000	16:45
04 Std. Gas	0.079	16:45
05 Room Air	0.000	16:46
06 Std. Gas	0.080	16:46
07 Room Air	0.000	16:46

Lot No = 16512080A2
Cyl No = 26
Exp Date = 08/01/2014
County = 08 Oper No. = 666666



Operator Signature
CHARLES EDER

Remarks: CALIBRATION CHECK
0.080 AC

Form 106-I8000

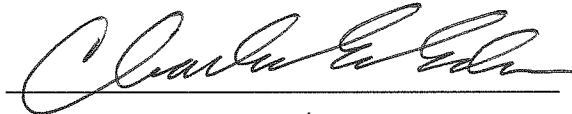
Intoxilyzer Test Record and Checklist
NDOAG Crime Lab. Div., Bismarck, ND 58501

CMI, Inc. Intoxilyzer Alcohol Analyzer
North Dakota Model 8000 SN 80-005357
Location = TOXL 8164.13.00 06/09
09/25/2013 16:47

DRY CAL CHECK

Test	AC	Time
01 Room Air	0.000	16:48
02 Std. Gas	0.080	16:48
03 Room Air	0.000	16:48
04 Std. Gas	0.079	16:49
05 Room Air	0.000	16:49
06 Std. Gas	0.079	16:50
07 Room Air	0.000	16:50

Lot No = 16512080A2
Cyl No = 26
Exp Date = 08/01/2014
County = 08 Oper No. = 666666



Operator Signature
CHARLES EDER

Remarks:

CALIBRATION CHECK
0.080AC

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 80-005357
Location = TOXL 8164.13.00 06/09
09/25/2013 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	0.079	16:54
05 Room Air	0.000	16:54
06 Std. Gas	0.080	16:55
07 Room Air	0.000	16:55

Lot No = 16512080A2
Cyl No = 26
Exp Date = 08/01/2014
County = 08 Oper No. = 666666



Operator Signature
CHARLES EDER

Remarks: CALIBRATION CHECK
 0.080AC