

INTOXILYZER 8000 INSPECTION

Serial No.: 80-004194

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 DR5143 Lot No. 13080 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 0.100AC + 0.050% 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 0.079 Test 5 0.080 Test 8 0.080
Test 3 0.080 Test 6 0.079 Test 9 0.079
Average 0.080

- L. Tank pressure, Level 3 Func D Sub G P: 644 psi Reg 650 psi
ANNUAL INSPECTION, CALIBRATIONS, EXTERNAL
- M. Remarks/Maintenance record: BATTERY REPLACED BY DK ON 12 JUN 13

21 JUN 13
Date
✓ 24 June 13
Date

Charles E. Eden
Field Inspector's Signature
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 80-004194
Location = TOXL 8164.13.00 06/09
06/21/2013 16:13

***** 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 #? 16512080A2
Standard Cyl #? 34
Standard Expiration? 08/01/2014
Oper No? 666666

Flow Cal. Date: 06/23/2009
Slope 681
Intercept -622430

IR Calibration Date: 06/21/2013
 3um 9um

0th Coef(*100):	-18606	-17078
1st Coef(*100):	270310	131881
2nd Coef(*100):	3423	1678
H2O adj(mg/l*10k):	508	644

***** 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 80-004194
Location = TOXL 8164.13.00 06/09
06/21/2013 16:14

WET CAL CHECK

Test	AC	Time
01 Room Air	0.000	16:14
02 Std. Sol.	0.019	16:15
03 Room Air	0.000	16:16
04 Std. Sol.	0.018	16:16
05 Room Air	0.000	16:17
06 Std. Sol.	0.019	16:18
07 Room Air	0.000	16:18

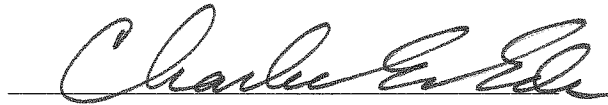
08 Sim Temp = 34.0°C

Simul Ser No = DR3455

Std Sol No = 12210

County = 08

Oper No. = 666666



Operator Signature
CHARLES EDER

Remarks:

LOW AC

0.020 AC (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 80-004194
Location = TOXL 8164.13.00 06/09
06/21/2013 16:20

WET CAL CHECK

Test	AC	Time
01 Room Air	0.000	16:21
02 Std. Sol.	0.311	16:22
03 Room Air	0.000	16:22
04 Std. Sol.	0.310	16:23
05 Room Air	0.000	16:24
06 Std. Sol.	0.310	16:24
07 Room Air	0.000	16:25

08 Sim Temp = 34.0°C

Simul Ser No = DR5143
Std Sol No = 13080
County = 08 Oper No. = 666666



Operator Signature
CHARLES EDER

Remarks: **LINEARITY TEST**
0.300 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 80-004194
Location = TOXL 8164.13.00 06/09
06/21/2013 16:38

Test	AC	Time
01 Room Air	0.000	16:39
02 *Subject Test	INT*	16:40
03 Room Air	0.000	16:41

*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**
0.100 AC + 0.050% 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 80-004194
Location = TOXL 8164.13.00 06/09
06/21/2013 16:43

Test	AC	Time
01 Diagnostic	OK	16:44
02 Room Air	RFI*	16:44
03 Room Air	0.000	16:44

*Invalid Test
Inhibited - RFI

Sub Name = DISCOVER, THE SPIRIT
Sub DOB = 01/01/1982
Sub Sex = Female Weight = 150
Test = DUI Cit = MNBVCXZLKJ09876
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 80-004194
Location = TOXL 8164.13.00 06/09
06/21/2013 16:28

DRY CAL CHECK

Test	AC	Time
01 Room Air	0.000	16:28
02 Std. Gas	0.080	16:28
03 Room Air	0.000	16:29
04 Std. Gas	0.079	16:29
05 Room Air	0.000	16:30
06 Std. Gas	0.080	16:30
07 Room Air	0.000	16:31

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.)

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

CMI, Inc. Intoxilyzer Alcohol Analyzer
North Dakota Model 8000 SN 80-004194
Location = TOXL 8164.13.00 06/09
06/21/2013 16:31

DRY CAL CHECK

Test	AC	Time
01 Room Air	0.000	16:32
02 Std. Gas	0.080	16:32
03 Room Air	0.000	16:33
04 Std. Gas	0.080	16:33
05 Room Air	0.000	16:33
06 Std. Gas	0.079	16:34
07 Room Air	0.000	16:34

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.)

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

CMI, Inc. Intoxilyzer Alcohol Analyzer
North Dakota Model 8000 SN 80-004194
Location = TOXL 8164.13.00 06/09
06/21/2013 16:35

DRY CAL CHECK

Test	AC	Time
01 Room Air	0.000	16:35
02 Std. Gas	0.080	16:35
03 Room Air	0.000	16:36
04 Std. Gas	0.080	16:36
05 Room Air	0.000	16:37
06 Std. Gas	0.079	16:37
07 Room Air	0.000	16:38

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

TOXL
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-004194
06/21/2013 15:30:01

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 0.0890 (-0.0170) 0.1440 (-0.0080)
Sample #2 0.0530 (0.0350) 0.1480 (0.0250)
Sample #3 0.0800 (0.0560) 0.1170 (0.0370)
Sample #4 0.0630 (0.0890) 0.1330 (0.0270)
Avg % Abs 0.0653 (0.0600) 0.1327 (0.0297)
STD DEV 0.0137 (0.0272) 0.0155 (0.0064)
REL STD DEV 20.893 (45.369) 11.685 (21.671)

DR5188
0.000 AC
MILLI-Q H₂O

Solution = 0.040 g/210L or 0.1905 mg/l, Samples = 4, Discarded = 1
Sample % Abs (% Abs Ref) % Abs (% Abs Ref)
Sample #1 0.7650 (-0.0080) 1.5260 (-0.0130)
Sample #2 0.7920 (-0.0030) 1.5130 (0.0080)
Sample #3 0.7540 (0.0080) 1.5190 (0.0180)
Sample #4 0.7720 (0.0110) 1.5550 (-0.0100)
Avg % Abs 0.7727 (0.0053) 1.5290 (0.0053)
STD DEV 0.0190 (0.0074) 0.0227 (0.0142)
REL STD DEV 2.460 (138.208) 1.486 (266.047)

DR3378
Lot #: 11150
Exp: 8/9/13

Solution = 0.080 g/210L or 0.3810 mg/l, Samples = 4, Discarded = 1
Sample % Abs (% Abs Ref) % Abs (% Abs Ref)
Sample #1 1.4630 (-0.0290) 2.9150 (-0.0080)
Sample #2 1.4390 (-0.0130) 2.9020 (0.0290)
Sample #3 1.4420 (0.0000) 2.9500 (0.0130)
Sample #4 1.4670 (-0.0010) 2.9310 (0.0240)
Avg % Abs 1.4493 (-0.0047) 2.9277 (0.0220)
STD DEV 0.0154 (0.0072) 0.0242 (0.0082)
REL STD DEV 1.061 (155.018) 0.826 (37.206)

DR5190
Lot #: 11200
Exp: 10/11/13

Solution = 0.150 g/210L or 0.7143 mg/l, Samples = 4, Discarded = 1
Sample % Abs (% Abs Ref) % Abs (% Abs Ref)
Sample #1 2.6180 (-0.0150) 5.2200 (-0.0230)
Sample #2 2.6160 (-0.0030) 5.1880 (0.0170)
Sample #3 2.6170 (0.0100) 5.2050 (0.0210)
Sample #4 2.6350 (0.0080) 5.1900 (0.0310)
Avg % Abs 2.6227 (0.0050) 5.1943 (0.0230)
STD DEV 0.0107 (0.0070) 0.0093 (0.0072)
REL STD DEV 0.408 (140.000) 0.179 (31.353)

DR3849
Lot #: 11230
Exp: 11/17/13

Solution = 0.300 g/210L or 1.4286 mg/l, Samples = 4, Discarded = 1
Sample % Abs (% Abs Ref) % Abs (% Abs Ref)
Sample #1 5.0410 (0.0040) 9.7620 (-0.0070)
Sample #2 5.0210 (0.0340) 9.7380 (0.0300)
Sample #3 5.0400 (0.0230) 9.7650 (0.0220)
Sample #4 5.0390 (0.0350) 9.7540 (0.0380)
Avg % Abs 5.0333 (0.0307) 9.7523 (0.0300)
STD DEV 0.0107 (0.0067) 0.0136 (0.0080)
REL STD DEV 0.212 (21.712) 0.139 (26.667)

DR3847
Lot #: 13020
Exp: w/cee
01/15/15

Charles E. Egan

TOXL
 Intoxilyzer - Alcohol Analyzer
 Model 8000 SN 80-004194
 06/21/2013 15:30:01

Auto Calibration

```

<<<<<      3um      >>>>>
-----
Zero Order Coef   -186.06
First Order Coef  2703.10
Second Order Coef  34.23
  
```

```

<<<<<      9um      >>>>>
-----
                -170.78
                1318.81
                16.78
  
```

Act (g/210L)	Fit (g/210L)	Residual (g/210L)
0.000	-0.000	0.0002
0.040	0.040	-0.0004
0.080	0.080	0.0001
0.150	0.150	0.0001
0.300	0.300	-0.0000

Act (g/210L)	Fit (g/210L)	Residual (g/210L)
0.000	0.000	-0.0001
0.040	0.040	0.0004
0.080	0.081	-0.0005
0.150	0.150	0.0002
0.300	0.300	-0.0000

```

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

```

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

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

Sample

Sample #1	3229.00
Sample #2	3329.00
Sample #3	3257.00
Sample #4	3317.00
Avg	3301.0000
STD DEV	38.5746
REL STD DEV	1.169
H2O adjust (mg/l*10k)	508

3135.00
3196.00
3145.00
3156.00
3165.6667
26.8390
0.848
644

0.080 E.G.S
 Lot#: **23411080A1**
 Exp: **10/01/2013**
 CYL #: **032**

Atmospheric Pressure = 1013

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

