

INTOXILYZER 8000 INSPECTION

Serial No.: 80-003058

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 DR5132 Lot No. 12210 Rep AC 0.020 ✓
- H. Linearity Test. Use ≥ 0.25 AC in ACA mode. (Attach test record.)
Sim SN DR3803 Lot No. 12050 Rep AC 0.300 ✓
- I. Interferent check. Use 0.05% acetone plus 0.10 AC ethanol in ABA mode.
(Attach test record.)
Sim SN DR3846 Lot No. — 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. 23411080 A1 Cyl No. 15 Exp. Date 10/01/2013
Test 1 0.080 Test 4 0.080 Test 7 0.080
Test 2 0.079 Test 5 0.079 Test 8 0.080
Test 3 0.079 Test 6 0.080 Test 9 0.080
Average 0.080

L. Tank pressure, Level 3 Func D Sub G P: 563 psi Reg 560 psi

M. Remarks/Maintenance record: Annual inspection, recalibration of optical bench, tank
replaced o-rings on breath hose and simulator return, replaced
10 Apr 2013 external battery on
Date 10 APR 13 3/18/13.
Field Inspector's Signature Deb Kashur
Reviewed by Charles E. Egan

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

CMI, Inc. Intoxilyzer Alcohol Analyzer
North Dakota Model 8000 SN 80-003058
Location = TOXL 8164.13.00 06/09
04/10/2013 10:47

***** 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 #? 15
Standard Expiration? 10/01/2013
Oper No? 777777

Flow Cal. Date: 04/07/2008
Slope 698
Intercept -678970

IR Calibration Date: 04/10/2013
 3um 9um

0th Coef(*100): -8620 -6643
1st Coef(*100): 266250 133559
2nd Coef(*100): 2825 1008
H2O adj(mg/l*10k): 499 374

***** Printer Test End *****



Operator Signature
DEB KASHUR

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 80-003058
Location = TOXL 8164.13.00 06/09
04/10/2013 11:05

WET CAL CHECK

Test	AC	Time
01 Room Air	0.000	11:06
02 Std. Sol.	0.021	11:06
03 Room Air	0.000	11:07
04 Std. Sol.	0.021	11:08
05 Room Air	0.000	11:08
06 Std. Sol.	0.021	11:09
07 Room Air	0.000	11:09

08 Sim Temp = 34.0°C

Simul Ser No = DR5132

Std Sol No = 12210

County = 08

Oper No. = 777777



Operator Signature
DEB KASHUR

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 80-003058
Location = TOXL 8164.13.00 06/09
04/10/2013 11:10

WET CAL CHECK

Test	AC	Time
01 Room Air	0.000	11:11
02 Std. Sol.	0.297	11:11
03 Room Air	0.000	11:12
04 Std. Sol.	0.297	11:13
05 Room Air	0.000	11:13
06 Std. Sol.	0.298	11:14
07 Room Air	0.000	11:14

08 Sim Temp = 34.0°C

Simul Ser No = DR3803

Std Sol No = 12050

County = 08

Oper No. = 777777

Deb Kasher

Operator Signature
DEB KASHUR

Remarks:

Linearity test 0.300 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 80-003058
Location = TOXL 8164.13.00 06/09
04/10/2013 11:15

Test	AC	Time
01 Room Air	0.000	11:16
02 *Subject Test	INT*	11:16
03 Room Air	0.000	11:17

*Invalid Test
Interferent Detected

Sub Name = DISCOVER, THE SPIRIT
Sub DOB = 02/01/1992
Sub Sex = Female Weight = 150
Test = DUI Cit = NA
Dr. Lic. = ND/DIS921456
Lot No = 23411080A1
Cyl No = 15
Expiration Date = 10/01/2013
County = 08 Oper No. = 777777

Deb Kasher

Operator Signature
DEB KASHUR

Remarks:

Interferent check 0.100 Ac + 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 80-003058
Location = TOXL 8164.13.00 06/09
04/10/2013 11:22

Test	AC	Time
01 Diagnostic	OK	11:23
02 Room Air	RFI*	11:23
03 Room Air	0.000	11:23

*Invalid Test
Inhibited - RFI

Sub Name = DISCOVER, THE SPIRIT
Sub DOB = 02/01/1992
Sub Sex = Female Weight = 150
Test = DUI Cit = NA
Dr. Lic. = ND/DIS921456
Lot No = 23411080A1
Cyl No = 15
Expiration Date = 10/01/2013
County = 08 Oper No. = 777777

I followed the Approved Method and the instructions displayed by the Intoxilyzer in conducting this test.

Deb Kashur

Operator Signature
DEB KASHUR

Remarks:

RFI check

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 80-003058
Location = TOXL 8164.13.00 06/09
04/10/2013 10:48

DRY CAL CHECK

Test	AC	Time
01 Room Air	0.000	10:49
02 Std. Gas	0.080	10:49
03 Room Air	0.000	10:50
04 Std. Gas	0.079	10:50
05 Room Air	0.000	10:50
06 Std. Gas	0.079	10:51
07 Room Air	0.000	10:51

Lot No = 23411080A1

Cyl No = 15

Exp Date = 10/01/2013

County = 08

Oper No. = 777777

Deb Kasher

Operator Signature
DEB KASHUR

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 80-003058
Location = TOXL 8164.13.00 06/09
04/10/2013 10:53

DRY CAL CHECK

Test	AC	Time
01 Room Air	0.000	10:53
02 Std. Gas	0.080	10:53
03 Room Air	0.000	10:54
04 Std. Gas	0.079	10:54
05 Room Air	0.000	10:55
06 Std. Gas	0.080	10:55
07 Room Air	0.000	10:56

Lot No = 23411080A1
Cyl No = 15
Exp Date = 10/01/2013
County = 08 Oper No. = 777777

Deb Kashur
Operator Signature
DEB KASHUR

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 80-003058
Location = TOXL 8164.13.00 06/09
04/10/2013 10:56

DRY CAL CHECK

Test	AC	Time
01 Room Air	0.000	10:56
02 Std. Gas	0.080	10:57
03 Room Air	0.000	10:57
04 Std. Gas	0.080	10:57
05 Room Air	0.000	10:58
06 Std. Gas	0.080	10:58
07 Room Air	0.000	10:59

Lot No = 23411080A1
Cyl No = 15
Exp Date = 10/01/2013
County = 08 Oper No. = 777777

Deb Kasher
Operator Signature
DEB KASHUR

Remarks:

Calibration check 0.080AC

TOXL
 Intoxilyzer - Alcohol Analyzer
 Model 8000 SN 80-003058
 04/10/2013 09:40:38

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	0.0090	(-0.0240)	0.0000	(-0.0020)		
Sample #2	-0.0040	(0.0040)	-0.0100	(0.0100)		G10329
Sample #3	-0.0140	(0.0260)	-0.0100	(0.0140)		0.000AC
Sample #4	0.0350	(0.0200)	0.0070	(0.0160)		
Avg % Abs	0.0057	(0.0167)	-0.0043	(0.0133)		
STD DEV	0.0259	(0.0114)	0.0098	(0.0031)		
REL STD DEV	456.896	(68.235)	226.499	(22.913)		

Solution = 0.020 g/210L or 0.0952 mg/l, Samples = 4, Discarded = 1						
Sample	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)		
Sample #1	0.4540	(-0.0310)	0.8430	(-0.0300)		DR5132
Sample #2	0.4280	(-0.0180)	0.8150	(-0.0020)		Lot: 12210
Sample #3	0.3960	(0.0220)	0.8020	(-0.0020)		Exp: 1/2/14
Sample #4	0.4100	(0.0230)	0.8070	(0.0010)		0.020AC
Avg % Abs	0.4113	(0.0090)	0.8080	(-0.0010)		
STD DEV	0.0160	(0.0234)	0.0066	(0.0017)		
REL STD DEV	3.900	(259.867)	0.812	(173.205)		

Solution = 0.040 g/210L or 0.1905 mg/l, Samples = 4, Discarded = 1						
Sample	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)		
Sample #1	0.7610	(0.0040)	1.4790	(-0.0100)		
Sample #2	0.7520	(0.0210)	1.4860	(-0.0050)		DR5113
Sample #3	0.7670	(0.0140)	1.4720	(-0.0090)		Lot: 11150
Sample #4	0.7420	(-0.0010)	1.4810	(-0.0100)		Exp: 8/9/13
Avg % Abs	0.7537	(0.0113)	1.4797	(-0.0080)		0.040AC
STD DEV	0.0126	(0.0112)	0.0071	(0.0026)		
REL STD DEV	1.670	(99.175)	0.479	(33.072)		

Solution = 0.200 g/210L or 0.9524 mg/l, Samples = 4, Discarded = 1						
Sample	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)		
Sample #1	3.4330	(0.0070)	6.7530	(0.0040)		DR5144
Sample #2	3.4800	(-0.0010)	6.8210	(0.0040)		Lot: 11120
Sample #3	3.4650	(0.0060)	6.8000	(-0.0020)		Exp: 7/19/13
Sample #4	3.4570	(0.0190)	6.7850	(0.0030)		0.200AC
Avg % Abs	3.4673	(0.0080)	6.8020	(0.0017)		
STD DEV	0.0117	(0.0101)	0.0181	(0.0032)		
REL STD DEV	0.337	(126.861)	0.266	(192.873)		

Solution = 0.300 g/210L or 1.4286 mg/l, Samples = 4, Discarded = 1						
Sample	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)		
Sample #1	5.0980	(0.0000)	9.9970	(-0.0200)		DR1205 ^{DR}
Sample #2	5.1490	(-0.0140)	10.0310	(-0.0130)		DR3841
Sample #3	5.1390	(-0.0010)	9.9970	(-0.0150)		Lot: 13020
Sample #4	5.0880	(0.0100)	9.9800	(-0.0050)		Exp: 1/15/15
Avg % Abs	5.1253	(-0.0017)	10.0027	(-0.0110)		
STD DEV	0.0327	(0.0120)	0.0260	(0.0053)		
REL STD DEV	0.638	(720.833)	0.260	(48.105)		

calibration
 Deb Kashur

TOXL
 Intoxilyzer - Alcohol Analyzer
 Model 8000 SN 80-003058
 04/10/2013 09:40:38

Auto Calibration

pg 2 of 2

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<<<<<      3um      >>>>>
-----
Zero Order Coef   -86.20
First Order Coef  2662.50
Second Order Coef 28.25
  
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<<<<<      9um      >>>>>
-----
Zero Order Coef   -66.43
First Order Coef  1335.59
Second Order Coef 10.08
  
```

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-----
Act      Fit      Residual
(g/210L) (g/210L) (g/210L)
0.000    -0.001    0.0015
0.020     0.021   -0.0013
0.040     0.041   -0.0007
0.200     0.199    0.0008
0.300     0.300   -0.0003
-----
  
```

```

-----
Act      Fit      Residual
(g/210L) (g/210L) (g/210L)
0.000    -0.002    0.0015
0.020     0.021   -0.0014
0.040     0.041   -0.0006
0.200     0.199    0.0008
0.300     0.300   -0.0003
-----
  
```

```

<<<<<      3um      >>>>>
-----
Solution = 0.080 g/210L or 0.3810 mg/l, Samples = 4, Discarded = 1
  
```

```

Sample
Sample #1          3368.00          3448.00
Sample #2          3285.00          3434.00
Sample #3          3374.00          3446.00
Sample #4          3273.00          3425.00
Avg                3310.6667        3435.0000
STD DEV            55.1755          10.5357
REL STD DEV        1.667           0.307
H2O adjust (mg/l*10k) 499           374
  
```

Atmospheric Pressure = 1021

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

*calibration
 Deb Kasher*