

INTOXILYZER 8000 INSPECTION

Serial No.: 80-004943

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>DR5132</u> Lot No. <u>12210</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>DR3803</u> Lot No. <u>12050</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>DR3846</u> Lot No. <u>—</u> Rep AC <u>0.100 AC + acetone</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>68</u>	Exp. Date <u>10/01/2013</u>
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>0.080</u>	Test 8 <u>0.080</u>
Test 3 <u>0.079</u>	Test 6 <u>0.079</u>	Test 9 <u>0.080</u>
Average <u>0.080</u>		

L. Tank pressure, Level 3 Func D Sub G P: 496 psi Reg 490 psi

M. Remarks/Maintenance record: Annual inspection. Calibrated optical bench,
replaced simulator return O-ring
07 May 2013
Date

Deb Kashner
Field Inspector's Signature
Charles E. Eden
Reviewed by

07 MAY 13
Date

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

CMI, Inc. Intoxilyzer Alcohol Analyzer
North Dakota Model 8000 SN 80-004943
Location = TOXL 8164.13.00 06/09
05/07/2013 10:34

***** 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? No
of Print Copies? 1
Select Std (D/W/I)? Dry
Standard Value? 0.080
Standard Lot #? 23411080A1
Standard Cyl #? 68
Standard Expiration? 10/01/2013
Oper No? 777777

Flow Cal. Date: 01/18/2010
Slope 693
Intercept -665387

IR Calibration Date: 05/07/2013
 3um 9um

0th Coef(*100): -10324 -14602
1st Coef(*100): 231940 125849
2nd Coef(*100): 6794 2184
H2O adj(mg/l*10k): 586 616

***** 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 80-004943
Location = TOXL 8164.13.00 06/09
05/07/2013 10:27

WET CAL CHECK

Test	AC	Time
01 Room Air	0.000	10:28
02 Std. Sol.	0.019	10:28
03 Room Air	0.000	10:29
04 Std. Sol.	0.020	10:30
05 Room Air	0.000	10:30
06 Std. Sol.	0.019	10:31
07 Room Air	0.000	10:31

08 Sim Temp = 34.0°C

Simul Ser No = DR5132
Std Sol No = 12210
County = 08 Oper No. = 777777

Deb Kasher
Operator Signature
DEB KASHUR

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 80-004943
Location = TOXL 8164.13.00 06/09
05/07/2013 10:21

WET CAL CHECK

Test	AC	Time
01 Room Air	0.000	10:21
02 Std. Sol.	0.299	10:22
03 Room Air	0.000	10:23
04 Std. Sol.	0.298	10:23
05 Room Air	0.000	10:24
06 Std. Sol.	0.299	10:25
07 Room Air	0.000	10:25

08 Sim Temp = 34.0°C

Simul Ser No = DR3803
Std Sol No = 12050
County = 08 Oper No. = 777777

Deb Kashur
Operator Signature
DEB KASHUR

Remarks:

Linearity test 0.300 AC
 ~~0.030 AC~~
 DK

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

CMI, Inc. Intoxilyzer Alcohol Analyzer
North Dakota Model 8000 SN 80-004943
Location = TOXL 8164.13.00 06/09
05/07/2013 10:35

Test	AC	Time
01 Room Air	0.000	10:36
02 *Subject Test	INT*	10:36
03 Room Air	0.000	10:37

*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 = 68
Expiration Date = 10/01/2013
County = 08 Oper No. = 777777

Deb Kasher

Operator Signature
DEB KASHUR

Remarks:

Interferent Detected 0.100AC + 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 80-004943
Location = TOXL 8164.13.00 06/09
05/07/2013 10:42

DRY CAL CHECK

Test	AC	Time
01 Room Air	0.000	10:42
02 Std. Gas	0.080	10:43
03 Room Air	0.000	10:43
04 Std. Gas	0.080	10:43
05 Room Air	0.000	10:44
06 Std. Gas	0.079	10:44
07 Room Air	0.000	10:45

Lot No = 23411080A1
Cyl No = 68
Exp Date = 10/01/2013
County = 08 Oper No. = 777777

Deb Kasher
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 80-004943
Location = TOXL 8164.13.00 06/09
05/07/2013 10:45

DRY CAL CHECK

Test	AC	Time
01 Room Air	0.000	10:45
02 Std. Gas	0.079	10:46
03 Room Air	0.000	10:46
04 Std. Gas	0.080	10:47
05 Room Air	0.000	10:47
06 Std. Gas	0.079	10:48
07 Room Air	0.000	10:48

Lot No = 23411080A1

Cyl No = 68

Exp Date = 10/01/2013

County = 08

Oper No. = 777777

Deb Kashur

Operator Signature
DEB KASHUR

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 80-004943
Location = TOXL 8164.13.00 06/09
05/07/2013 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	0.080	10:50
05 Room Air	0.000	10:51
06 Std. Gas	0.080	10:51
07 Room Air	0.000	10:51

Lot No = 23411080A1
Cyl No = 68
Exp Date = 10/01/2013
County = 08 Oper No. = 777777

Deb Kasher

Operator Signature
DEB KASHUR

Remarks:

Calibration check 0.080 AC

TOXL
 Intoxilyzer - Alcohol Analyzer
 Model 8000 SN 80-004943
 05/07/2013 08:48:48

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)			% Abs	(% Abs Ref)				
Sample #1	0.0950	(-0.0150)		0.1550	(-0.0070)			0.1550	(-0.0070)			0.000 AC	
Sample #2	0.0560	(0.0380)		0.1420	(0.0190)			0.1420	(0.0190)			Milli-Q	
Sample #3	0.0790	(0.0670)		0.1660	(0.0070)			0.1660	(0.0070)				
Sample #4	0.0560	(0.0790)		0.1560	(0.0070)			0.1560	(0.0070)				
Avg % Abs	0.0637	(0.0613)		0.1547	(0.0110)			0.1547	(0.0110)				
STD DEV	0.0133	(0.0211)		0.0121	(0.0069)			0.0121	(0.0069)				
REL STD DEV	20.857	(34.368)		7.794	(62.984)			7.794	(62.984)				

Solution = 0.020 g/210L or 0.0952 mg/l, Samples = 4, Discarded = 1													
Sample	% Abs	(% Abs Ref)		% Abs	(% Abs Ref)			% Abs	(% Abs Ref)				
Sample #1	0.4660	(-0.0250)		0.8550	(-0.0120)			0.8550	(-0.0120)			0.020 AC	
Sample #2	0.4640	(-0.0070)		0.8460	(0.0070)			0.8460	(0.0070)			DR5132	
Sample #3	0.4260	(0.0150)		0.8590	(0.0080)			0.8590	(0.0080)			lot: 12210	
Sample #4	0.4430	(0.0300)		0.8550	(0.0220)			0.8550	(0.0220)			Exp: 1/2/14	
Avg % Abs	0.4443	(0.0127)		0.8533	(0.0123)			0.8533	(0.0123)				
STD DEV	0.0190	(0.0186)		0.0067	(0.0084)			0.0067	(0.0084)				
REL STD DEV	4.284	(146.921)		0.780	(67.999)			0.780	(67.999)				

Solution = 0.040 g/210L or 0.1905 mg/l, Samples = 4, Discarded = 1													
Sample	% Abs	(% Abs Ref)		% Abs	(% Abs Ref)			% Abs	(% Abs Ref)				
Sample #1	0.8380	(-0.0100)		1.5260	(0.0040)			1.5260	(0.0040)			0.040 AC	
Sample #2	0.8290	(0.0070)		1.5350	(0.0040)			1.5350	(0.0040)			DR5113	
Sample #3	0.8130	(0.0150)		1.5420	(-0.0060)			1.5420	(-0.0060)			lot: 11150	
Sample #4	0.8290	(0.0150)		1.5410	(0.0000)			1.5410	(0.0000)			Exp: 8/9/13	
Avg % Abs	0.8237	(0.0123)		1.5393	(-0.0007)			1.5393	(-0.0007)				
STD DEV	0.0092	(0.0046)		0.0038	(0.0050)			0.0038	(0.0050)				
REL STD DEV	1.122	(37.450)		0.246	(754.984)			0.246	(754.984)				

Solution = 0.200 g/210L or 0.9524 mg/l, Samples = 4, Discarded = 1													
Sample	% Abs	(% Abs Ref)		% Abs	(% Abs Ref)			% Abs	(% Abs Ref)				
Sample #1	3.7680	(-0.0120)		6.9100	(-0.0110)			6.9100	(-0.0110)			0.200 AC	
Sample #2	3.7420	(0.0300)		6.8980	(0.0240)			6.8980	(0.0240)			DR5144	
Sample #3	3.7560	(0.0310)		6.9060	(0.0160)			6.9060	(0.0160)			lot: 11120	
Sample #4	3.7600	(0.0190)		6.8670	(0.0080)			6.8670	(0.0080)			Exp: 7/19/13	
Avg % Abs	3.7527	(0.0267)		6.8903	(0.0160)			6.8903	(0.0160)				
STD DEV	0.0095	(0.0067)		0.0206	(0.0080)			0.0206	(0.0080)				
REL STD DEV	0.252	(24.969)		0.299	(50.000)			0.299	(50.000)				

Solution = 0.300 g/210L or 1.4286 mg/l, Samples = 4, Discarded = 1													
Sample	% Abs	(% Abs Ref)		% Abs	(% Abs Ref)			% Abs	(% Abs Ref)				
Sample #1	5.3130	(0.0070)		9.7280	(0.0070)			9.7280	(0.0070)			0.300 AC	
Sample #2	5.3560	(0.0190)		9.7830	(0.0150)			9.7830	(0.0150)			DR3841	
Sample #3	5.3550	(0.0280)		9.8000	(0.0290)			9.8000	(0.0290)			lot: 13020	
Sample #4	5.3590	(0.0180)		9.7860	(0.0200)			9.7860	(0.0200)			Exp: 1/15/15	
Avg % Abs	5.3567	(0.0217)		9.7897	(0.0213)			9.7897	(0.0213)				
STD DEV	0.0021	(0.0055)		0.0091	(0.0071)			0.0091	(0.0071)				
REL STD DEV	0.039	(25.420)		0.093	(33.256)			0.093	(33.256)				

Deb Kashur

TOXL
 Intoxilyzer - Alcohol Analyzer
 Model 8000 SN 80-004943
 05/07/2013 08:48:48

Auto Calibration

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<<<<<      3um      >>>>>
-----
Zero Order Coef   -103.24
First Order Coef  2319.40
Second Order Coef  67.94
  
```

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<<<<<      9um      >>>>>
-----
                -146.02
                1258.49
                21.84
  
```

Act (g/210L)	Fit (g/210L)	Residual (g/210L)
0.000	0.001	-0.0009
0.020	0.020	0.0002
0.040	0.039	0.0011
0.200	0.201	-0.0007
0.300	0.300	0.0003

Act (g/210L)	Fit (g/210L)	Residual (g/210L)
0.000	0.001	-0.0010
0.020	0.020	0.0002
0.040	0.039	0.0013
0.200	0.201	-0.0008
0.300	0.300	0.0004

```

<<<<<      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	3um	9um
Sample #1	3146.00	3179.00
Sample #2	3239.00	3190.00
Sample #3	3216.00	3195.00
Sample #4	3216.00	3195.00
Avg	3223.6667	3193.3333
STD DEV	13.2791	2.8868
REL STD DEV	0.412	0.090
H2O adjust (mg/l*10k)	586	616

0.080 AC
 lot: 23411080A1
 Exp: 10/01/2013
 Cyl.#: 15

Atmospheric Pressure = 1012

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

Deb Kashner