

INTOXILYZER 8000 INSPECTION

Serial No.: 80-003059

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 DR3803 Lot No. 13070 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 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. 23411080A1 Cyl No. 38 Exp. Date 10/01/2013

Test 1 <u>0.080</u>	Test 4 <u>0.080</u>	Test 7 <u>0.081</u>
Test 2 <u>0.080</u>	Test 5 <u>0.080</u>	Test 8 <u>0.080</u>
Test 3 <u>DK 0.080</u>	Test 6 <u>0.080</u>	Test 9 <u>0.080</u>

Average 0.080

L. Tank pressure, Level 3 Func D Sub G P: 905 psi Reg 900 psi

M. Remarks/Maintenance record: Annual inspect, replaced modern plastic piece, recalibrated optical bench, replaced external battery

22 July 2013
Date

Deb Kashur
Field Inspector's Signature

22 JUL 13
Date

Charles E. Ed
Reviewed by

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

CMI, Inc. Intoxilyzer Alcohol Analyzer
North Dakota Model 8000 SN 80-003059
Location = TOXL 8164.13.00 06/09
07/22/2013 10:49

***** 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 #? 23411080A1
Standard Cyl #? 38
Standard Expiration? 10/01/2013
Oper No? 777777

Flow Cal. Date: 04/07/2008
Slope 713
Intercept -692349

IR Calibration Date: 07/19/2013
3um 9um

	3um	9um
0th Coef(*100):	-13647	-13253
1st Coef(*100):	279166	141743
2nd Coef(*100):	2292	834
H2O adj(mg/l*10k):	565	423

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



Operator Signature
DEB KASHUR

Remarks:

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

CMI, Inc. Intoxilyzer Alcohol Analyzer
North Dakota Model 8000 SN 80-003059
Location = TOXL 8164.13.00 06/09
07/22/2013 10:58

WET CAL CHECK

Test	AC	Time
01 Room Air	0.000	10:58
02 Std. Sol.	0.020	10:59
03 Room Air	0.000	11:00
04 Std. Sol.	0.020	11:00
05 Room Air	0.000	11:01
06 Std. Sol.	0.019	11:02
07 Room Air	0.000	11:02

08 Sim Temp = 34.0°C

Simul Ser No = DR3803

Std Sol No = 13070

County = 08

Oper No. = 777777

Deb Kashur

Operator Signature
DEB KASHUR

Remarks:

Low AC 0.020 Ae

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 80-003059
Location = TOXL 8164.13.00 06/09
07/22/2013 13:10

WET CAL CHECK

Test	AC	Time
01 Room Air	0.000	13:10
02 Std. Sol.	0.299	13:11
03 Room Air	0.000	13:12
04 Std. Sol.	0.301	13:13
05 Room Air	0.000	13:13
06 Std. Sol.	0.301	13:14
07 Room Air	0.000	13:14

08 Sim Temp = 34.0°C

Simul Ser No = DR5143

Std Sol No = 13080

County = 08

Oper No. = 777777

Deb Kashur

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 80-003059
Location = TOXL 8164.13.00 06/09
07/22/2013 13:17

Test	AC	Time
01 Room Air	0.000	13:18
02 *Subject Test	INT*	13:18
03 Room Air	0.000	13:19

*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 = 38
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 80-003059
Location = TOXL 8164.13.00 06/09
07/22/2013 13:20

Test	AC	Time
01 Diagnostic	OK	13:20
02 Room Air	RFI*	13:21
03 Room Air	0.000	13:21

*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 = 38
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 Kasher

Operator Signature
DEB KASHUR

Remarks:

RFI test

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 80-003059
Location = TOXL 8164.13.00 06/09
07/22/2013 13:21

DRY CAL CHECK

Test	AC	Time
01 Room Air	0.000	13:22
02 Std. Gas	0.080	13:22
03 Room Air	0.000	13:23
04 Std. Gas	0.080	13:23
05 Room Air	0.000	13:23
06 Std. Gas	0.080	13:24
07 Room Air	0.000	13:24

Lot No = 23411080A1

Cyl No = 38

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 80-003059
Location = TOXL 8164.13.00 06/09
07/22/2013 13:28

DRY CAL CHECK

Test	AC	Time
01 Room Air	0.000	13:29
02 Std. Gas	0.080	13:29
03 Room Air	0.000	13:29
04 Std. Gas	0.080	13:30
05 Room Air	0.000	13:30
06 Std. Gas	0.080	13:31
07 Room Air	0.000	13:31

Lot No = 23411080A1

Cyl No = 38

Exp Date = 10/01/2013

County = 08

Oper No. = 777777

Deb Kasher

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 80-003059
Location = TOXL 8164.13.00 06/09
07/22/2013 13:33

DRY CAL CHECK

Test	AC	Time
01 Room Air	0.000	13:33
02 Std. Gas	0.081	13:34
03 Room Air	0.000	13:34
04 Std. Gas	0.080	13:35
05 Room Air	0.000	13:35
06 Std. Gas	0.080	13:35
07 Room Air	0.000	13:36

Lot No = 23411080A1

Cyl No = 38

Exp Date = 10/01/2013

County = 08

Oper No. = 777777

Deb Kasher

Operator Signature
DEB KASHUR

Remarks:

Calibration check 0.080 AC

Form 106-I8000

TOXL
~~CF50~~ PK

Intoxilyzer - Alcohol Analyzer

Model 8000

SN 80-003059

07/19/2013

09:35:27

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)	Sim.
Sample #1	0.0300	(0.0110)		0.0450	(0.0060)	SN G 10 329
Sample #2	0.0550	(0.0000)		0.0970	(-0.0240)	
Sample #3	0.0240	(0.0380)		0.0650	(-0.0070)	0.000 AC
Sample #4	0.0310	(0.0390)		0.0580	(-0.0070)	
Avg % Abs	0.0367	(0.0257)		0.0733	(-0.0127)	
STD DEV	0.0163	(0.0222)		0.0208	(0.0098)	
REL STD DEV	44.341	(86.624)		28.354	(77.486)	

Solution =	0.050 g/210L	or	0.2381 mg/l,	Samples = 4,	Discarded = 1	
Sample	% Abs	(% Abs Ref)		% Abs	(% Abs Ref)	Sim.
Sample #1	0.9330	(-0.0130)		1.7760	(-0.0200)	SN-DR5113
Sample #2	0.8780	(0.0110)		1.7410	(0.0030)	lot# 11210
Sample #3	0.9200	(0.0080)		1.7790	(-0.0060)	0.050 AC
Sample #4	0.9290	(0.0070)		1.7940	(-0.0060)	
Avg % Abs	0.9090	(0.0087)		1.7713	(-0.0030)	Exp: 10/17/13
STD DEV	0.0272	(0.0021)		0.0273	(0.0052)	
REL STD DEV	2.995	(24.019)		1.542	(173.205)	

Solution =	0.080 g/210L	or	0.3810 mg/l,	Samples = 4,	Discarded = 1	
Sample	% Abs	(% Abs Ref)		% Abs	(% Abs Ref)	Sim.
Sample #1	1.4030	(0.0000)		2.7180	(0.0170)	SN-DR5132
Sample #2	1.4160	(0.0000)		2.7500	(-0.0010)	0.080 AC
Sample #3	1.4190	(0.0150)		2.7720	(0.0010)	Exp. 10/11/13
Sample #4	1.3830	(0.0200)		2.7590	(0.0070)	
Avg % Abs	1.4060	(0.0117)		2.7603	(0.0023)	lot# 11200
STD DEV	0.0200	(0.0104)		0.0111	(0.0042)	
REL STD DEV	1.421	(89.214)		0.401	(178.428)	

Solution =	0.200 g/210L	or	0.9524 mg/l,	Samples = 4,	Discarded = 1	
Sample	% Abs	(% Abs Ref)		% Abs	(% Abs Ref)	Sim.
Sample #1	3.3460	(-0.0240)		6.5130	(-0.0380)	SN-DR5144
Sample #2	3.3370	(0.0030)		6.5200	(-0.0230)	SN-DR PK
Sample #3	3.3340	(0.0110)		6.5180	(-0.0090)	0.200 AC
Sample #4	3.3820	(-0.0110)		6.5470	(-0.0280)	Exp. 7/19/13
Avg % Abs	3.3510	(0.0010)		6.5283	(-0.0200)	lot# - 11120
STD DEV	0.0269	(0.0111)		0.0162	(0.0098)	
REL STD DEV	0.802	(1113.553)		0.248	(49.244)	

Solution =	0.300 g/210L	or	1.4286 mg/l,	Samples = 4,	Discarded = 1	
Sample	% Abs	(% Abs Ref)		% Abs	(% Abs Ref)	Sim.
Sample #1	4.9170	(-0.0100)		9.5770	(-0.0080)	SN-DR 3841
Sample #2	4.9800	(-0.0200)		9.6210	(0.0070)	0.300 AC
Sample #3	4.9660	(0.0020)		9.6370	(0.0170)	Exp. 3/21/14
Sample #4	4.9640	(0.0120)		9.6550	(0.0140)	
Avg % Abs	4.9700	(-0.0020)		9.6377	(0.0127)	lot# - 12050
STD DEV	0.0087	(0.0164)		0.0170	(0.0051)	
REL STD DEV	0.175	(818.535)		0.176	(40.513)	

Deb Kashner

TOXL
GFSO DK

Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-003059
07/19/2013 09:35:27

Auto Calibration

pg 2 of 2

```

<<<<<      3um      >>>>>
-----
Zero Order Coef   -136.47
First Order Coef  2791.66
Second Order Coef  22.92

```

```

<<<<<      9um      >>>>>
-----
Zero Order Coef   -132.53
First Order Coef  1417.43
Second Order Coef   8.34

```

Act (g/210L)	Fit (g/210L)	Residual (g/210L)
0.000	-0.001	0.0007
0.050	0.051	-0.0008
0.080	0.081	-0.0005
0.200	0.199	0.0010
0.300	0.300	-0.0004

Act (g/210L)	Fit (g/210L)	Residual (g/210L)
0.000	-0.001	0.0006
0.050	0.050	-0.0005
0.080	0.081	-0.0007
0.200	0.199	0.0010
0.300	0.300	-0.0004

```

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

```

Sample	3um	9um
Sample #1	3239.00	3392.00
Sample #2	3213.00	3395.00
Sample #3	3258.00	3385.00
Sample #4	3261.00	3378.00
Avg	3244.0000	3386.0000
STD DEV	26.8887	8.5440
REL STD DEV	0.829	0.252
H2O adjust (mg/l*10k)	565	423

0.080 AC
lot-23411080A1
Cyl - 38
Exp - 10/01/2013

Atmospheric Pressure = 1014

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

Deb Kashur