

Intoxilyzer 8000 Initial Inspection

Serial Number	80-003072
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- A. Power On 5 min. countdown 1 min.
- B. Security Checks. Level 1 Level 2 Level 3
- C. Gas Cylinder Setup
- D. Printer. Level 1 Func P Paper Feed Internal External
- E. Display is working.
- F. Configure Start Test Switch. Level 3 Func S Sub T
- G. Setup Preliminary Data. Level 2 Func E
- H. Configure General Setup. Level 3 Func S Sub G.
- I. Configure Port. Level 3 Func S Sub N
- J. Check Camera. ABA Mode Oper ID ND Lic. Hot Key "R"
- K. Diagnostic Test. Level 2 Func D
- L. Check Ser Num / Version Level 2 Func V
80-003072 Serial No. 8164.13 Version 1362.14 Display 7 CPLD
- M. Detector Voltages. Level 3 Func D Sub D

3	<u>12719</u>	s	<u>0</u>	C	<u>47.00</u>
9	<u>13296</u>	s	<u>3</u>	B	<u>45</u> <input checked="" type="checkbox"/> RFI Ind.
- N. Hot Keys

<input checked="" type="checkbox"/>	F5 Tone
<input checked="" type="checkbox"/>	F6 Green LED
<input checked="" type="checkbox"/>	F7 Red LED
<input checked="" type="checkbox"/>	F9 Fan
<input checked="" type="checkbox"/>	F10 Pump
<input checked="" type="checkbox"/>	F11 Sol Output
- O. RFI Dectector

08/09

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OFFICE OF ATTORNEY GENERAL
 CRIME LABORATORY DIVISION
 Toxicology Section/Breath Alcohol Program
 Instrument Certification and Maintenance Unit

BrF-005-8

P. Atmospheric Monitor. Level 3 Func D Sub A. P 965 CF 1.04

Q. Flow Monitor. Level 3 Func D Sub F. R 187 F 0.000 L/s

R. Temperature Monitor. Level 3 Func D Sub T
 C 47.0 A 49.5 I 0.0
 B 44.9 V 0.0

S. Gas Tank Monitor. Level 3 Func D Sub G. 581 psi Intox 580 psi Reg

T. Configure Wet Bath Sim. Level 1 Func S

U. Zero Alcohol Test Level 1 Func C
 DR5188 Sim SN Lot 0.000 Rep Value
0.000 AC 6.000 AC 0.000 AC

V. Low AC Test. Level 1 Func C
 DR5144 Sim SN Lot 0.021 Rep Value
0.019 AC 0.020 AC 0.019 AC

W. Linearity Test. Level 1 Func C
 DR3847 Sim SN Lot 0.294 Rep Value
0.304 AC 0.304 AC 0.305 AC

X. Interferent Test.
 Level 1 Func B
 Acetone DR3845 Sim SN Lot 0.05% Conc
 Display Printout
 Methanol G10573 Sim SN Lot 0.10% Conc
 Display Printout
 IPA DR5191 Sim SN Lot 0.10% Conc
 Display Printout

Y. Ambient Test
 Display Printout

Z. Invalid Sample Test
 Display Printout

AA. RFI Detector Test. CMS Mode
 Display Printout

BB. Configure Dry Gas Standard. Level 1 Func S

CC. Stability Test at 0.080AC. Level 3 Func T Sub S
0.0786 Ave. 0.0021 Std Dev 2.72% Rel Std Dev

DD. Maintenance/Repairs Initial inspection after CMI EPROM repairs.

29 Mar 2011
 Date
4-19-11
 Date

Deb Kashur
 Signature
[Signature]
 Reviewed by

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 RM

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

CMI, Inc. Intoxilyzer Alcohol Analyzer
North Dakota Model 8000 SN 80-003072
Location = TOXL 8164.13.00 06/09
03/29/2011 10:45

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

12 char/line
abcdefghijkl
ABCDEFGHIJKL

16 char per line
abcdefghijklmnop
ABCDEFGHIJKLMNPO

21 chars per line
abcdefghijklmnopqrstu
ABCDEFGHIJKLMNOPQRSTU

24 characters per line
abcdefghijklmnopqrstuvw
ABCDEFGHIJKLMNOPQRSTUVWX

32 characters per line
abcdefghijklmnopqrstuvwxy123456
ABCDEFGHIJKLMNOPQRSTUWXYZ123456

42 characters per line
abcdefghijklmnopqrstuvwxy1234567890abcdef
ABCDEFGHIJKLMNOPQRSTUWXYZ1234567890ABCDEF

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 #? 15410080A1
Standard Cyl #? 12
Standard Expiration? 07/01/2012
Oper No? 777777

Flow Cal. Date: 03/09/2011
Slope 682
Intercept -620512

IR Calibration Date: 03/09/2011

	3um	9um
0th Coef(*100):	-24766	-17499
1st Coef(*100):	264559	138630
2nd Coef(*100):	1876	1114
H2O adj(mg/l*10K):	497	331

***** Test End *****

Deb Kasher

Operator Signature
DEB KASHUR

Remarks:

Print Test

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

CMI, Inc. Intoxilyzer Alcohol Analyzer
North Dakota Model 8000 SN 80-003072
Location = TOXL 8164.13.00 06/09
03/29/2011 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? No
of Print Copies? 1
Select Std (D/W/I)? Dry
Standard Value? 0.080
Standard Lot #? 15410080A1
Standard Cyl #? 12
Standard Expiration? 07/01/2012
Oper No? 777777

Flow Cal. Date: 03/09/2011
Slope 682
Intercept -620512

IR Calibration Date: 03/09/2011
3um 9um

	3um	9um
0th Coef(*100):	-24766	-17499
1st Coef(*100):	264559	138630
2nd Coef(*100):	1876	1114
H2O adj(mg/l*10k):	497	331

***** 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 80-003072
Location = TOXL 8164.13.00 06/09
03/29/2011 11:04

DIAGNOSTIC

Voltage/Current Test	Pass
RAM Test	Pass
EEPROM Checksum Test	Pass
Real Time Clock Test	Pass
DSP Test	Pass
Analytical Stability Test	Pass
Modem Test	Pass
Temp Regulation Test	Pass

Oper No. = 777777



Operator Signature
DEB KASHUR

Remarks:

Diagnostic test

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

CMI, Inc. Intoxilyzer Alcohol Analyzer
North Dakota Model 8000 SN 80-003072
Location = TOXL 8164.13.00 06/09
03/29/2011 11:16

WET CAL CHECK

Test	AC	Time
01 Room Air	0.000	11:17
02 Std. Sol.	0.000	11:18
03 Room Air	0.000	11:18
04 Std. Sol.	0.000	11:19
05 Room Air	0.000	11:19
06 Std. Sol.	0.000	11:20
07 Room Air	0.000	11:21

08 Sim Temp = 34.0°C

Simul Ser No = 0
Std Sol No = 0
County = 08 Oper No. = 777777

Deb Kasher
Operator Signature
DEB KASHUR

Remarks:

zero alcohol 0.000 AC

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

CMI, Inc. Intoxilyzer Alcohol Analyzer
North Dakota Model 8000 SN 80-003072
Location = TOXL 8164.13.00 06/09
03/29/2011 11:21

WET CAL CHECK

Test	AC	Time
01 Room Air	0.000	11:22
02 Std. Sol.	0.019	11:23
03 Room Air	0.000	11:23
04 Std. Sol.	0.020	11:24
05 Room Air	0.000	11:25
06 Std. Sol.	0.019	11:25
07 Room Air	0.000	11:26

08 Sim Temp = 34.0°C

Simul Ser No = 0

Std Sol No = 0

County = 08

Oper No. = 777777

Deb Kashur

Operator Signature
DEB KASHUR

Remarks:

low AC 0.021AC

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

CMI, Inc. Intoxilyzer Alcohol Analyzer
North Dakota Model 8000 SN 80-003072
Location = TOXL 8164.13.00 06/09
03/29/2011 11:26

WET CAL CHECK

Test	AC	Time
01 Room Air	0.000	11:27
02 Std. Sol.	0.304	11:28
03 Room Air	0.000	11:28
04 Std. Sol.	0.304	11:29
05 Room Air	0.000	11:30
06 Std. Sol.	0.305	11:30
07 Room Air	0.000	11:31
08 Sim Temp = 34.0°C		

Simul Ser No = 0

Std Sol No = 0

County = 08

Oper No. = 777777

Deb Kashur

Operator Signature
DEB KASHUR

Remarks:

Linearity test 0.294 Ae

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

CMI, Inc. Intoxilyzer Alcohol Analyzer
North Dakota Model 8000 SN 80-003072
Location = TOXL 8164.13.00 06/09
03/29/2011 11:42

Test	AC	Time
01 Room Air	0.000	11:43
02 *Subject Test	INT*	11:44
03 Room Air	0.000	11:45

*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 = 15410080A1
Cyl No = 12
Expiration Date = 07/01/2012
County = 08 Oper No. = 777777

Deb Kashur

Operator Signature
DEB KASHUR

Remarks:

acetone interferent

*alcohol +
0.05% acetone*

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

CMI, Inc. Intoxilyzer Alcohol Analyzer
North Dakota Model 8000 SN 80-003072
Location = TOXL 8164.13.00 06/09
03/29/2011 11:45

Test	AC	Time
01 Room Air	0.000	11:46
02 *Subject Test	INT*	11:46
03 Room Air	0.000	11:47

*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 = 15410080A1
Cyl No = 12
Expiration Date = 07/01/2012
County = 08 Oper No. = 777777

Deb Kashur

Operator Signature
DEB KASHUR

Remarks:

Methanol interferent

*alcohol +
0.1090 ~~at~~ methanol*

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JAN*

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

CMI, Inc. Intoxilyzer Alcohol Analyzer
North Dakota Model 8000 SN 80-003072
Location = TOXL 8164.13.00 06/09
03/29/2011 11:51

Test	AC	Time
01 Room Air	AMB*	11:51
02 Room Air	0.000	11:52

*Invalid Test
Check Ambient Conditions

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 = 15410080A1
Cyl No = 12
Expiration Date = 07/01/2012
County = 08 Oper No. = 777777

Deb Kasher

Operator Signature
DEB KASHUR

Remarks:

Ambient fail test

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PM

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

CMI, Inc. Intoxilyzer Alcohol Analyzer
North Dakota Model 8000 SN 80-003072
Location = TOXL 8164.13.00 06/09
03/29/2011 11:59

Test	AC	Time
01 Room Air	0.000	12:00
02 Invalid Sample	X.XXX	12:00
03 Room Air	PUR*	12:01

*Purge Fail
**Invalid Test - Mouth Alcohol

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 = 15410080A1
Cyl No = 12
Expiration Date = 07/01/2012
County = 08 Oper No. = 777777

Deb Kashur

Operator Signature
DEB KASHUR

Remarks:

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


CMI, Inc. Intoxilyzer Alcohol Analyzer
North Dakota Model 8000 SN 80-003072
Location = TOXL 8164.13.00 06/09
03/29/2011 12:02

Test	AC	Time
01 Diagnostic	OK	12:03
02 Room Air	RFI*	12:04
03 Room Air	0.000	12:04

*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 = 15410080A1
Cyl No = 12
Expiration Date = 07/01/2012
County = 08 Oper No. = 777777

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



Operator Signature
DEB KASHUR

Remarks:

RFI test

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

CMI, Inc. Intoxilyzer Alcohol Analyzer
North Dakota Model 8000 SN 80-003072
Location = TOXL 8164.13.00 06/09
03/29/2011 12:05

Test	AC	Time
01 Room Air	0.000	12:05
02 Std. Gas	0.073	12:06
03 Room Air	0.000	12:06
04 Std. Gas	0.075	12:06
05 Room Air	0.000	12:07
06 Std. Gas	0.075	12:07
07 Room Air	0.000	12:08
08 Std. Gas	0.077	12:08
09 Room Air	0.000	12:09
10 Std. Gas	0.079	12:09
11 Room Air	0.000	12:09
12 Std. Gas	0.078	12:10
13 Room Air	0.000	12:10
14 Std. Gas	0.079	12:11
15 Room Air	0.000	12:11
16 Std. Gas	0.079	12:11
17 Room Air	0.000	12:12
18 Std. Gas	0.079	12:12
19 Room Air	0.000	12:13
20 Std. Gas	0.079	12:13
21 Room Air	0.000	12:14
22 Std. Gas	0.080	12:14
23 Room Air	0.000	12:14
24 Std. Gas	0.079	12:15
25 Room Air	0.000	12:15
26 Std. Gas	0.081	12:16
27 Room Air	0.000	12:16
28 Std. Gas	0.079	12:16
29 Room Air	0.000	12:17
30 Std. Gas	0.080	12:17
31 Room Air	0.000	12:18
32 Std. Gas	0.080	12:18
33 Room Air	0.000	12:19
34 Std. Gas	0.079	12:19
35 Room Air	0.000	12:19
36 Std. Gas	0.080	12:20
37 Room Air	0.000	12:20
38 Std. Gas	0.079	12:21
39 Room Air	0.000	12:21
40 Std. Gas	0.082	12:22
41 Room Air	0.000	12:22
42 Cal Check Stats:		
43 Average	0.0786	
44 Std Dev	0.0021	
45 Rel Std Dev	2.72%	

*Stability test
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Deb Kashner*

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JK*

Operator Signature
DEB KASHUR

Remarks:

Lot #: 15410080 A1 Cyl. #: 12 Exp. Date: 07/01/2012

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Stability test
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Deb Kashur

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