

# Intoxilyzer 8000 Initial Inspection

**Serial Number** 80-003065

- 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  
80-003065 Serial No. 81641 Version 1362.14 Display 7 CPLD
- M. Detector Voltages. Level 3 Func D Sub D  
3 12252 s 1 C 47.00  
9 130208 s 3 B 45. 0 RFI Ind.
- N. Hot Keys
  - F5 Tone
  - F6 Green LED
  - F7 Red LED
  - F9 Fan
  - F10 Pump
  - F11 Sol Output
- O. RFI Dectector
- P. Atmospheric Monitor. Level 3 Func D Sub A. P 959 CF 1.05

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

BrF-005-8

✓ Q. Flow Monitor. Level 3 Func D Sub F. R 163 F 0.000 L/s

✓ R. Temperature Monitor. Level 3 Func D Sub T  
 C 47.0 A 46.5 I 0.0  
 B 45.0 V 0.0

✓ S. Gas Tank Monitor. Level 3 Func D Sub G  
✓ T. Configure Wet Bath Sim. Level 1 Func S  
1017 psi Intox 1020 psi Reg

✓ U. Zero Alcohol Test Level 1 Func C  
610329 Sim SN — Lot 0.000 Rep Value  
0.000 AC 0.000 AC 0.000 AC

✓ V. Low AC Test. Level 1 Func C  
DR5190 Sim SN — Lot 0.021 Rep Value  
0.019 AC 0.020 AC 0.020 AC

✓ W. Linearity Test. Level 1 Func C  
DR5113 Sim SN — Lot 0.297 Rep Value  
0.285 AC MAP 0.296 AC MAP 0.296 AC  
0.297 0.300

✓ X. Interferent Test. Level 1 Func B  
 Acetone DR3845 Sim SN — Lot 0.05% Conc  
✓ Display ✓ Printout  
 Methanol DR3846 Sim SN — Lot 0.10% Conc  
✓ Display ✓ Printout  
 IPA DR5191 Sim SN — Lot 0.10% Conc  
✓ Display ✓ Printout  
✓ Display ✓ Printout

✓ Y. Ambient Test  
✓ 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  
0.0802 Ave. 0.0007 Std Dev 0.84% Rel Std Dev

DD. Maintenance/Repairs

27 August 2009  
 Date  
04 Sept 2009  
 Date

Mary Pearson  
 Signature  
Deb Kashner  
 Reviewed by

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

CMI, Inc. Intoxilyzer Alcohol Analyzer  
North Dakota Model 8000 SN 80-003065  
Location = TOXL 0164.12.00 06/09  
08/27/2009 08:03

\*\*\*\*\* Printer Test \*\*\*\*\*

12 char/line  
abcdefghijkl  
ABCDEFGHIJKL

16 char per line  
abcdefghijklmnop  
ABCDEFGHIJKLMNPO

21 chars per line  
abcdefghijklmnopqrstu  
ABCDEFGHIJKLMNOPQRSTU

24 characters per line  
abcdefghijklmnopqrstuwx  
ABCDEFGHIJKLMNOPQRSTUWX

32 characters per line  
abcdefghijklmnopqrstuwx123456  
ABCDEFGHIJKLMNOPQRSTUWXYZ123456

42 characters per line  
abcdefghijklmnopqrstuwx1234567890abcdef  
ABCDEFGHIJKLMNOPQRSTUWXYZ1234567890abcdef

Current Instrument Setup

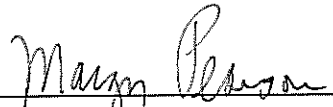
Data Entry Mode: Enabled  
Start Test Sequence: DABACABA  
Display Prelim Rslt? Yes  
Display Third Digit? Yes  
Inhib Printer(Y/N)? No  
Display Volume? No  
Disable On Menfull? No  
# of Print Copies? 1  
Select Std. (D/W/I)? Dry  
Standard Value? 0.000  
Standard Lot #? 622252  
Standard Cyl #? 28  
Standard Expiration? 05/26/2011  
Oper No? 107501

Flow Cal. Date: 04/08/2008  
Slope 694  
Intercept -539075

IR Calibration Date: 06/05/2008  
3um 9um

0th Coef(*100):	-9383	-9235
1st Coef(*100):	288128	139520
2nd Coef(*100):	957	781
H2O adj(rng/1*10k):	391	239

\*\*\*\*\* Test End \*\*\*\*\*



Operator Signature  
MARGY PEARSON

Remarks:

Form 106-18000

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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 80-003065  
Location = TOXL                8164.12.00 06/09  
08/27/2009                      08:05

\*\*\*\*\* Printer Test \*\*\*\*\*

abcdefghijklmnopqrstuvwxyz1234567890-=\_|  
ABCDEFGHIJKLMNopqrstuvwxyz!@#\$\$%^&\*()\_+?

abcdefghijklmnopqrstuvwxyz1234567890-=\_|  
ABCDEFGHIJKLMNopqrstuvwxyz!@#\$\$%^&\*()\_+?

Current Instrument Setup

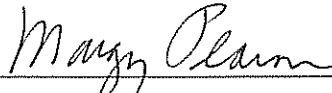
Data Entry Mode:            Enabled  
Start Test Sequence:        DABACABA  
Display Prelim Rslt?        Yes  
Display Third Digit?        Yes  
Inhib Printer(Y/N)?        No  
Display Volume?            No  
Disable On Memfull?        No  
# of Print Copies?         1  
Select Std (D/W/I)?        Dry  
Standard Value?            0.080  
Standard Lot #?            622252  
Standard Cyl #?            28  
Standard Expiration?       05/26/2011  
Oper No?                    107501

Flow Cal. Date:            04/08/2008  
Slope                      694  
Intercept                  -539075

IR Calibration Date:       06/05/2008  
                               3um                    9um

-----  
0th Coef(\*100):            -9383                    -9235  
1st Coef(\*100):            288128                   138520  
2nd Coef(\*100):            957                      781  
H2O adj(mg/l\*10k):        391                      239

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



Operator Signature  
MARGY PEARSON

Remarks:

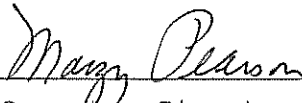
Intoxilyzer Test Record and Checklist  
NDOAG Crime Lab. Div., Bismarck, ND 58501

CMI, Inc. Intoxilyzer      Alcohol Analyzer  
North Dakota Model 8000      SN 80-003065  
Location = TOXL      8164.12.00 06/09  
08/27/2009      08:21

Test	AC	Time
01 Room Air	0.000	08:22
02 *Subject Test	REF*	08:22
03 Room Air	0.000	08:22

\*Subject Test Refused

Sub Name = DISCOVER, THE SPIRIT  
Sub DOB = 11/01/1982  
Sub Sex = Female      Weight = 150  
Test = DUI      Cit = NA  
Dr. Lic. = ND/DIS821456  
Lot No = 622252  
Cyl No = 28  
Expiration Date = 05/26/2011  
County = 08      Oper No. = 107501



Operator Signature  
MARGY PEARSON

Remarks:

*Refusal*

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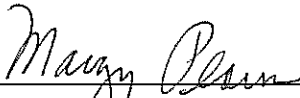
Intoxilyzer Test Record and Checklist  
NDOAG Crime Lab. Div., Bismarck, ND 58501

CMI, Inc. Intoxilyzer      Alcohol Analyzer  
North Dakota Model 8000      SN 80-003065  
Location = TOXL      8164.12.00 06/09  
08/27/2009      08:29

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. = 107501



Operator Signature  
MARGY PEARSON

Remarks:

DIAG

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

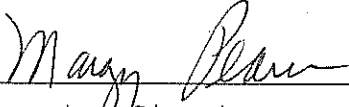
CMI, Inc. Intoxilyzer      Alcohol Analyzer  
North Dakota Model 8000      SN 80-003065  
Location = TOXL      8164.12.00 06/09  
08/27/2009      11:13

WET CAL CHECK

Test	AC	Time
01 Room Air	0.000	11:14
02 Std. Sol.	0.000	11:15
03 Room Air	0.000	11:16
04 Std. Sol.	0.000	11:16
05 Room Air	0.000	11:17
06 Std. Sol.	0.000	11:18
07 Room Air	0.000	11:18
08 Sim Temp = 34.0°C		

Simul Ser No = DR00000  
Std Sol No = 000  
County = 08

Oper No. = 107501

  
\_\_\_\_\_  
Operator Signature  
MARGY PEARSON

Remarks:

*Water*

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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 80-003065  
Location = TOXL      8164.12.00 06/09  
08/27/2009      10:59

WET CAL CHECK

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

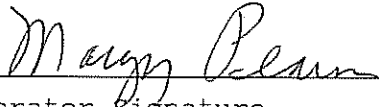
08 Sim Temp = 34.0°C

Simul Ser No = DR00000

Std Sol No = 000

County = 08

Oper No. = 107501



Operator Signature  
MARGY PEARSON

Remarks:

LOW 0.021 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 80-003065  
Location = TOXL      8164.12.00 06/09  
08/27/2009      10:49

WET CAL CHECK

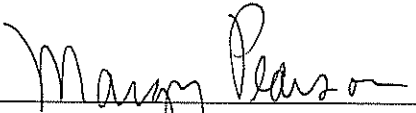
Test	AC	Time
01 Room Air	0.000	10:50
02 Std. Sol.	0.285	10:51
03 Room Air	0.000	10:51
04 Std. Sol.	0.297	10:52
05 Room Air	0.000	10:52
06 Std. Sol.	0.300	10:53
07 Room Air	0.000	10:54
08 Sim Temp = 34.0°C		

Simul Ser No = DR00000

Std Sol No = 000

County = 08

Oper No. = 107501

  
\_\_\_\_\_  
Operator Signature  
MARGY PEARSON

Remarks:

Linearity

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P. 9/17/09


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

CMI, Inc. Intoxilyzer      Alcohol Analyzer  
North Dakota Model 8000      SN 80-003065  
Location = TOXL      8164.12.00 06/09  
08/27/2009      11:30

Test	AC	Time
01 Room Air	0.000	11:31
02 *Subject Test	INT*	11:32
03 Room Air	0.000	11:32

\*Invalid Test  
Interferent Detected

Sub Name = DISCOVER, THE SPIRIT  
Sub DOB = 11/01/1982  
Sub Sex = Female      Weight = 150  
Test = DUI      Cit = NA  
Dr. Lic. = ND/DIS821456  
Simul Ser No = DR00000  
Std Sol No = 000  
County = 08      Oper No. = 107501



Operator Signature  
MARGY PEARSON

Remarks:

*Acetone*

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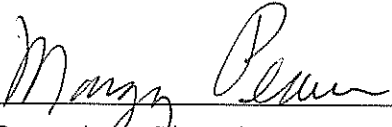
Intoxilyzer Test Record and Checklist  
NDOAG Crime Lab. Div., Bismarck, ND 58501

CMI, Inc. Intoxilyzer      Alcohol Analyzer  
North Dakota Model 8000      SN 80-003065  
Location = TOXL      8164.12.00 06/09  
08/27/2009      11:34

Test	AC	Time
01 Room Air	0.000	11:34
02 *Subject Test	INT*	11:35
03 Room Air	0.000	11:36

\*Invalid Test  
Interferent Detected

Sub Name = DISCOVER, THE SPIRIT  
Sub DOB = 11/01/1982  
Sub Sex = Female      Weight = 150  
Test = DUI      Cit = NA  
Dr. Lic. = ND/DIS821456  
Simul Ser No = DR00000  
Std Sol No = 000  
County = 08      Oper No. = 107501

  
\_\_\_\_\_  
Operator Signature  
MARGY PEARSON

Remarks:

*Methanol*

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P. 11/17/09

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

CMI, Inc. Intoxilyzer      Alcohol Analyzer  
North Dakota Model 8000      SN 80-003065  
Location = TOXL      8164.12.00 06/09  
08/27/2009      11:27

Test	AC	Time
01 Room Air	0.000	11:28
02 *Subject Test	INT*	11:29
03 Room Air	0.000	11:30

\*Invalid Test  
Interferent Detected

Sub Name = DISCOVER, THE SPIRIT  
Sub DOB = 11/01/1982  
Sub Sex = Female      Weight = 150  
Test = DUI      Cit = NA  
Dr. Lic. = ND/DIS821456  
Simul Ser No = DR00000  
Std Sol No = 000  
County = 08      Oper No. = 107501



Operator Signature  
MARGY PEARSON

Remarks:

18A

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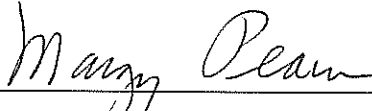
Intoxilyzer Test Record and Checklist  
NDOAG Crime Lab. Div., Bismarck, ND 58501

CMI, Inc. Intoxilyzer      Alcohol Analyzer  
North Dakota Model 8000      SN 80-003065  
Location = TOXL      8164.12.00 06/09  
08/27/2009      11:37

Test	AC	Time
01 Room Air	AMB*	11:38
02 Room Air	0.000	11:39

\*Invalid Test  
Check Ambient Conditions

Sub Name = DISCOVER, THE SPIRIT  
Sub DOB = 11/01/1982  
Sub Sex = Female      Weight = 150  
Test = DUI      Cit = NA  
Dr. Lic. = ND/DIS821456  
Simul Ser No = DR00000  
Std Sol No = 000  
County = 08      Oper No. = 107501



Operator Signature  
MARGY PEARSON

Remarks:

*Ambient Fail*

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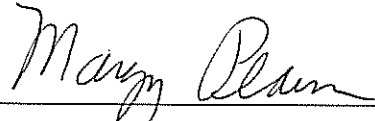
Intoxilyzer Test Record and Checklist  
NDOAG Crime Lab. Div., Bismarck, ND 58501

CMI, Inc. Intoxilyzer      Alcohol Analyzer  
North Dakota Model 8000      SN 80-003065  
Location = TOXL      8164.12.00 06/09  
08/27/2009      11:51

Test	AC	Time
01 Room Air	0.000	11:52
02 Invalid Sample	X.XXX	11:52
03 Room Air	PUR*	11:53

\*Purge Fail  
\*\*Invalid Test - Mouth Alcohol

Sub Name = DISCOVER, THE SPIRIT  
Sub DOB = 11/01/1982  
Sub Sex = Female      Weight = 150  
Test = DUI      Cit = NA  
Dr. Lic. = ND/DIS821456  
Lot No = 617774  
Cyl No = 32  
Expiration Date = 05/28/2011  
County = 08      Oper No. = 107501



Operator Signature  
MARGY PEARSON

Remarks:

*Invalid Sample*

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

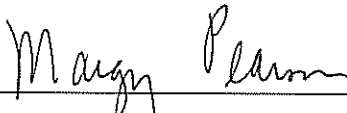
CMI, Inc. Intoxilyzer      Alcohol Analyzer  
North Dakota Model 8000      SN 80-003065  
Location = TOXL      8164.12.00 06/09  
08/27/2009      09:49

Test	AC	Time
01 Diagnostic	OK	09:50
02 Room Air	RFI*	09:50
03 Room Air	0.000	09:50

\*Invalid Test  
Inhibited - RFI

Sub Name = DISCOVER, THE SPIRIT  
Sub DOB = 11/01/1982  
Sub Sex = Female      Weight = 150  
Test = DUI      Cit = NA  
Dr. Lic. = ND/DIS821456  
Lot No = 622252  
Cyl No = 28  
Expiration Date = 05/28/2011  
County = 08      Oper No. = 107501

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

  
\_\_\_\_\_  
Operator Signature  
MARGY PEARSON

Remarks:

RFI

Form 106-I8000

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P. 15 of 17 pm

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

CMI, Inc. Intoxilyzer      Alcohol Analyzer  
North Dakota Model 8000      SN 80-003065  
Location = TOXL      8164.12.00 06/09  
08/27/2009      08:34

Test	AC	Time
01 Room Air	0.000	08:35
02 Std. Gas	0.079	08:35
03 Room Air	0.000	08:36
04 Std. Gas	0.080	08:36
05 Room Air	0.000	08:36
06 Std. Gas	0.079	08:37
07 Room Air	0.000	08:37
08 Std. Gas	0.080	08:38
09 Room Air	0.000	08:38
10 Std. Gas	0.080	08:38
11 Room Air	0.000	08:39
12 Std. Gas	0.079	08:39
13 Room Air	0.000	08:40
14 Std. Gas	0.080	08:40
15 Room Air	0.000	08:41
16 Std. Gas	0.081	08:41
17 Room Air	0.000	08:42
18 Std. Gas	0.081	08:42
19 Room Air	0.000	08:43
20 Std. Gas	0.081	08:43
21 Room Air	0.000	08:43
22 Std. Gas	0.081	08:44
23 Room Air	0.000	08:44
24 Std. Gas	0.080	08:45
25 Room Air	0.000	08:45
26 Std. Gas	0.081	08:46
27 Room Air	0.000	08:46
28 Std. Gas	0.080	08:46
29 Room Air	0.000	08:47
30 Std. Gas	0.080	08:47
31 Room Air	0.000	08:48
32 Std. Gas	0.080	08:48
33 Room Air	0.000	08:49
34 Std. Gas	0.081	08:49
35 Room Air	0.000	08:50
36 Std. Gas	0.080	08:50
37 Room Air	0.000	08:50
38 Std. Gas	0.080	08:51
39 Room Air	0.000	08:51
40 Std. Gas	0.080	08:52
41 Room Air	0.000	08:52
42 Cal Check Stats:		
43 Average	0.0802	
44 Std Dev	0.0007	
45 Rel Std Dev	0.84%	

*Stabil*  
*#1 of 2*  
*MAP*  
80-003065  
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Operator Signature

MARGY PEARSON

Remarks:

Lot No ~~62252~~ 622252 MAP  
Cyl No 28  
Exp Date 5/26/2011  
Form 106-18000

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Stability  
# 2 of 2  
MAP  
FW