

## Intoxilyzer 8000 Initial Inspection

Serial Number	80-004951
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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  
80-004951 Serial No. 8164.13 Version <sup>MAP</sup> 1362.14 ~~1362.14~~ Display 7 CPLD

☒ M. Detector Voltages. Level 3 Func D Sub D  
3 12859 s 2 C 47.00  
9 13301 s 1 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 957 CF 1.05

80-004951  
6/2/09

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

✓	Q. Flow Monitor. Level 3 Func D Sub F.	R	<u>228</u>	F	<u>0.000</u> L/s
✓	R. Temperature Monitor. Level 3 Func D Sub T	C	<u>47.0</u>	A	<u>47.5</u>
		B	<u>45.0</u>	V	<u>0.0</u>
✓	S. Gas Tank Monitor. Level 3 Func D Sub G		<u>907</u> psi Intox		<u>900</u> psi Reg
✓	T. Configure Wet Bath Sim. Level 1 Func S				
✓	U. Zero Alcohol Test Level 1 Func C		<u>610329</u> Sim SN	<u>—</u> Lot	<u>0.00</u> Rep Value
			<u>0.000</u> AC	<u>0.000</u> AC	<u>0.000</u> AC
✓	V. Low AC Test. Level 1 Func C		<u>DR5190</u> Sim SN	<u>—</u> Lot	<u>0.019</u> Rep Value
			<u>0.016</u> AC	<u>0.017</u> AC	<u>0.017</u> AC
✓	W. Linearity Test. Level 1 Func C		<u>DR5113</u> Sim SN	<u>—</u> Lot	<u>0.285</u> Rep Value
			<u>0.286</u> AC	<u>0.287</u> AC	<u>0.287</u> AC
✓	X. Interferent Test. Level 1 Func B	Acetone	<u>DR5186</u> Sim SN	<u>—</u> Lot	<u>0.05%</u> Conc
			<u>✓</u> Display	<u>✓</u> Printout	
		Methanol	<u>DR3846</u> Sim SN	<u>—</u> Lot	<u>0.10%</u> Conc
			<u>✓</u> Display	<u>✓</u> Printout	
		IPA	<u>DR3840</u> Sim SN	<u>—</u> Lot	<u>0.05%</u> Conc
			<u>✓</u> Display	<u>✓</u> Printout	
✓	Y. Ambient Test		<u>None</u> Display	<u>None</u> Printout	
✓	Z. Invalid Sample Test		<u>✓</u> Display	<u>✓</u> Printout	
✓	AA. RFI Detector Test. CMS Mode		<u>✓</u> Display	<u>✓</u> Printout	
✓	BB. Configure Dry Gas Standard. Level 1 Func S				
✓	CC. Stability Test at 0.080AC. Level 3 Func T Sub S		<u>0.0786</u> Ave.	<u>0.0006</u> Std Dev	<u>0.78</u> Rel Std Dev
✓	DD. Maintenance/Repairs	<u>Changed Regulator</u>			

12 March 2010  
Date  
15 Mar 2010  
Date

Mary Pearson  
Signature  
Deb Kashur  
Reviewed by

08/09

G:\Crime Lab\Manuals\ISO SOP\Toxicology Section\Breath Alcohol Program\Instrument Certification and Maintenance Unit\Intoxilyzer 8000\Forms-Worksheets\Form BrF-005-8 Intoxilyzer 8000 Initial Inspection 08-09

80-004951  
7/24/10

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

CMI, Inc. Intoxilyzer Alcohol Analyzer  
North Dakota Model 8000 SN 80-004951  
Location = ToxL 8164.13.00 06/09  
03/12/2010 11:04

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

12 char/line  
abcdefghijkl  
ABCDEFGHIJKL

16 char per line  
abcdefghijklmnop  
ABCDEFGHIJKLMN

21 chars per line  
abcdefghijklmnopqrstu  
ABCDEFGHIJKLMN

24 characters per line  
abcdefghijklmnopqrstuwx  
ABCDEFGHIJKLMN

32 characters per line  
abcdefghijklmnopqrstuwx123456  
ABCDEFGHIJKLMN

42 characters per line  
abcdefghijklmnopqrstuwx1234567890abcdef  
ABCDEFGHIJKLMN

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? 0.080  
Standard Lot #? 123456780  
Standard Cyl #? 1234567  
Standard Expiration? 11/11/2011  
Oper No? 107501

Flow Cal. Date: 01/19/2010  
Slope: 698  
Intercept: -658617

IR Calibration Date: 01/19/2010  
3um 9um

0th Coef(*100):	-24390	-26496
1st Coef(*100):	258099	132326
2nd Coef(*100):	1745	1171
H2O adj(mg/l*10K):	509	459

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

*Margy Pearson*

Operator Signature  
MARGY PEARSON

Remarks:

*Print*

Form 106-18000

80-004951  
8/24/12

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

CMI, Inc. Intoxilyzer      Alcohol Analyzer  
North Dakota Model 8000      SN 80-004951  
Location = TOXL      8164.13.00 06/09  
03/12/2010      11:05

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

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

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

Current Instrument Setup

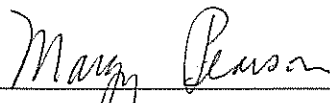
Data Entry Mode:      Enabled  
Start Test Sequence:      DABACABA  
Display Prelim Rslt?      Yes  
Display Third Digit?      Yes  
Inhib Printer(Y/N)?      No  
Display Volume?      No  
Disable On Memfull?      No  
# of Print Copies?      1  
Select Std (D/W/I)?      Dry  
Standard Value?      0.080  
Standard Lot #?      123456780  
Standard Cyl #?      1234567  
Standard Expiration?      11/11/2011  
Oper No?      107501

Flow Cal. Date:      01/19/2010  
Slope      698  
Intercept      -658617

IR Calibration Date:      01/19/2010  
   3um      9um

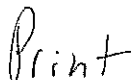
0th Coef(*100):	-24390	-26496
1st Coef(*100):	258099	132326
2nd Coef(*100):	1745	1171
H2O adj(mg/l*10k):	509	459

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



Operator Signature  
MARGY PEARSON

Remarks:



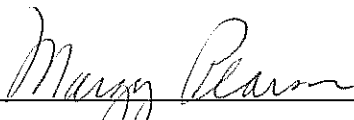
Intoxilyzer Test Record and Checklist  
NDOAG Crime Lab. Div., Bismarck, ND 58501

CMI, Inc. Intoxilyzer      Alcohol Analyzer  
North Dakota Model 8000      SN 80-004951  
Location = TOXL      8164.13.00 06/09  
03/12/2010      13:29

Test	AC	Time
01 Room Air	0.000	13:30
02 *Subject Test	REF*	13:30
03 Room Air	0.000	13:30

\*Subject Test Refused

Sub Name = DISCOVER, THE SPIRIT  
Sub DOB = 01/01/1982  
Sub Sex = Female      Weight = 150  
Test = DUI      Cit = NA  
Dr. Lic. = ND/DIS821456  
Lot No = 709352  
Cyl No = 36  
Expiration Date = 12/23/2011  
County = 08      Oper No. = 107501

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

Remarks:

*Camera / Hot Key "R"*

Form 106-I8000

80-004951  
10/5/12 PHL

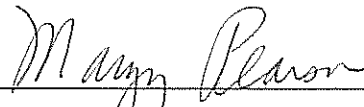
Intoxilyzer Test Record and Checklist  
NDOAG Crime Lab. Div., Bismarck, ND 58501

CMI, Inc. Intoxilyzer      Alcohol Analyzer  
North Dakota Model 8000      SN 80-004951  
Location = TOXL      8164.13.00 06/09  
03/12/2010      13:31

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:

*DIAGNOSTIC*

Form 106-I8000

80-004951  
11/28 AM

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

CMI, Inc. Intoxilyzer      Alcohol Analyzer  
North Dakota Model 8000      SN 80-004951  
Location = TOXL      8164.13.00 06/09  
03/12/2010      13:43

WET CAL CHECK

Test	AC	Time
01 Room Air	0.000	13:43
02 Std. Sol.	0.000	13:45
03 Room Air	0.000	13:46
04 Std. Sol.	0.000	13:46
05 Room Air	0.000	13:47
06 Std. Sol.	0.000	13:47
07 Room Air	0.000	13:48

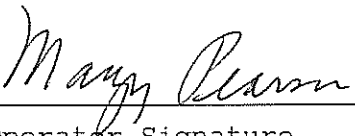
08 Sim Temp = 34.0°C

Simul Ser No = 000000

Std Sol No = 0000

County = 08

Oper No. = 107501

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

Remarks:

*Water Zero AC*

Form 106-I8000

80-604951  
12/24 KFL  
2

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

CMI, Inc. Intoxilyzer      Alcohol Analyzer  
North Dakota Model 8000      SN 80-004951  
Location = TOXL      8164.13.00 06/09  
03/12/2010      13:50

WET CAL CHECK

Test	AC	Time
01 Room Air	0.000	13:50
02 Std. Sol.	0.016	13:51
03 Room Air	0.000	13:51
04 Std. Sol.	0.017	13:52
05 Room Air	0.000	13:53
06 Std. Sol.	0.017	13:53
07 Room Air	0.000	13:54

08 Sim Temp = 34.0°C

Simul Ser No = 000000

Std Sol No = 0000

County = 08

Oper No. = 107501

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

Remarks:

*Low AC 0.019 AC*

Form 106-I8000

*80-004951  
13/2/12 RM*



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

CMI, Inc. Intoxilyzer      Alcohol Analyzer  
North Dakota Model 8000      SN 80-004951  
Location = TOXL      8164.13.00 06/09  
03/12/2010      14:09

WET CAL CHECK

Test	AC	Time
01 Room Air	0.000	14:10
02 Std. Sol.	0.286	14:10
03 Room Air	0.000	14:11
04 Std. Sol.	0.287	14:12
05 Room Air	0.000	14:12
06 Std. Sol.	0.287	14:13
07 Room Air	0.000	14:13

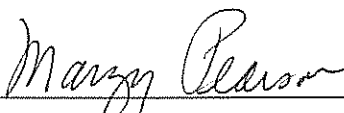
08 Sim Temp = 34.0°C

Simul Ser No = 000000

Std Sol No = 0000

County = 08

Oper No. = 107501



Operator Signature  
MARGY PEARSON

Remarks:

*Linearity 0.285 AC*

Form 106-I8000

80-004951  
14/24/14

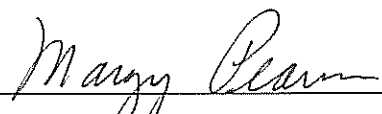
Intoxilyzer Test Record and Checklist  
NDOAG Crime Lab. Div., Bismarck, ND 58501

CMI, Inc. Intoxilyzer      Alcohol Analyzer  
North Dakota Model 8000      SN 80-004951  
Location = TOXL      8164.13.00 06/09  
03/12/2010      14:57

Test	AC	Time
01 Room Air	0.000	14:58
02 *Subject Test	INT*	14:58
03 Room Air	0.000	14:59

\*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  
Lot No = 709352  
Cyl No = 36  
Expiration Date = 12/23/2011  
County = 08      Oper No. = 107501

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

Remarks:

*Acetone Interfer*

Form 106-18000

80-004951  
15/2/14

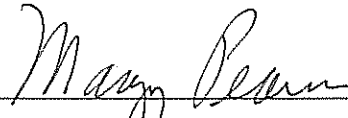
Intoxilyzer Test Record and Checklist  
NDOAG Crime Lab. Div., Bismarck, ND 58501

CMI, Inc. Intoxilyzer      Alcohol Analyzer  
North Dakota Model 8000      SN 80-004951  
Location = TOXL      8164.13.00 06/09  
03/12/2010      15:03

Test	AC	Time
01 Room Air	0.000	15:03
02 *Subject Test	INT*	15:04
03 Room Air	0.000	15:04

\*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  
Lot No = 709352  
Cyl No = 36  
Expiration Date = 12/23/2011  
County = 08      Oper No. = 107501

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

Remarks:

*Inter MeOH*

Form 106-I8000

80-004951  
10/24/12  
2

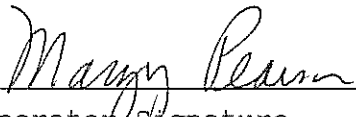
Intoxilyzer Test Record and Checklist  
NDOAG Crime Lab. Div., Bismarck, ND 58501

CMI, Inc. Intoxilyzer      Alcohol Analyzer  
North Dakota Model 8000      SN 80-004951  
Location = TOXL      8164.13.00 06/09  
03/12/2010      15:01

Test	AC	Time
01 Room Air	0.000	15:01
02 *Subject Test	INT*	15:02
03 Room Air	0.000	15:02

\*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  
Lot No = 709352  
Cyl No = 36  
Expiration Date = 12/23/2011  
County = 08      Oper No. = 107501

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

Remarks:

*Interfer 1PA*

Form 106-I8000

*80-004951*  
*17/06/11*  
*1/2*

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

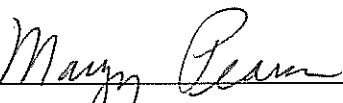
CMI, Inc. Intoxilyzer      Alcohol Analyzer  
North Dakota Model 8000      SN 80-004951  
Location = TOXL      8164.13.00 06/09  
03/12/2010      13:42

WET CAL CHECK

Test	AC	Time
01 Room Air	AMB*	13:42
02 Room Air	0.000	13:43

\*Invalid Test  
Check Ambient Conditions

Simul Ser No = 000000  
Std Sol No = 0000  
County = 08      Oper No. = 107501



Operator Signature  
MARGY PEARSON

Remarks:

*Ambient Fail*

Form 106-I8000

80-004951  
18/2/12  
KPK

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

CMI, Inc. Intoxilyzer      Alcohol Analyzer  
North Dakota Model 8000      SN 80-004951  
Location = TOXL      8164.13.00 06/09  
03/12/2010      14:59

Test	AC	Time
01 Room Air	0.000	15:00
02 Invalid Sample	X.XXX	15:00
03 Room Air	0.000	15:01

\*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 = 709352  
Cyl No = 36  
Expiration Date = 12/23/2011  
County = 08      Oper No. = 107501

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

Remarks:

*Invalid Sample*

Form 106-18000

80-004951  
19/24 KPL  
2

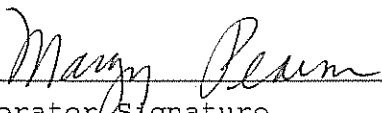
Intoxilyzer Test Record and Checklist  
NDOAG Crime Lab. Div., Bismarck, ND 58501

CMI, Inc. Intoxilyzer      Alcohol Analyzer  
North Dakota Model 8000      SN 80-004951  
Location = TOXL      8164.13.00 06/09  
03/12/2010      14:41

Test	AC	Time
01 Room Air	RFI*	14:41
02 Room Air	0.000	14:41

\*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 = 709352  
Cyl No = 36  
Expiration Date = 12/23/2011  
County = 08      Oper No. = 107501

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

Remarks:

RFI

Form 106-I8000

80-004951  
20/21/12

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

CMI, Inc. Intoxilyzer      Alcohol Analyzer  
North Dakota Model 8000      SN 80-004951  
Location = TOXL      8164.13.00 06/09  
03/12/2010      11:47

Test	AC	Time
01 Room Air	0.000	11:47
02 Std. Gas	0.080	11:48
03 Room Air	0.000	11:48
04 Std. Gas	0.079	11:49
05 Room Air	0.000	11:49
06 Std. Gas	0.078	11:49
07 Room Air	0.000	11:50
08 Std. Gas	0.078	11:50
09 Room Air	0.000	11:51
10 Std. Gas	0.079	11:51
11 Room Air	0.000	11:52
12 Std. Gas	0.078	11:52
13 Room Air	0.000	11:52
14 Std. Gas	0.078	11:53
15 Room Air	0.000	11:53
16 Std. Gas	0.079	11:54
17 Room Air	0.000	11:54
18 Std. Gas	0.079	11:55
19 Room Air	0.000	11:55
20 Std. Gas	0.078	11:55
21 Room Air	0.000	11:56
22 Std. Gas	0.079	11:56
23 Room Air	0.000	11:57
24 Std. Gas	0.078	11:57
25 Room Air	0.000	11:58
26 Std. Gas	0.078	11:58
27 Room Air	0.000	11:59
28 Std. Gas	0.078	11:59
29 Room Air	0.000	11:59
30 Std. Gas	0.078	12:00
31 Room Air	0.000	12:00
32 Std. Gas	0.079	12:01
33 Room Air	0.000	12:01
34 Std. Gas	0.079	12:01
35 Room Air	0.000	12:02
36 Std. Gas	0.078	12:02
37 Room Air	0.000	12:03
38 Std. Gas	0.079	12:03
39 Room Air	0.000	12:04
40 Std. Gas	0.079	12:04
41 Room Air	0.000	12:05
42 Cal Check Stats:		
43 Average	0.0786	
44 Std Dev	0.0006	
45 Rel Std Dev	0.78%	

*Stability Test*  
*P1 of 2*  
*MAB*

*80-004951*  
*2/22 KM*



Operator Signature  
MARGY PEARSON

Remarks:

Form 106-I8000

Lot No 709352  
Cyl No 36  
Date 23 Dec 2011

Stability Tests  
p202  
MAP

80-004951  
22/20 15M