

### INTOXILYZER® 8000 INITIAL INSPECTION

Intoxilyzer® 8000 Serial Number: 80-006691

#### A. GENERAL Setup and Checks:

- Power On
  - 5 min. countdown during initial warm-up
  - 1 min. countdown to begin test after standby mode
- Display Intensity (Ctrl + ↑ or ↓)
- Password Security:
  - Level 1 (Operator)     Level 2 (Field Inspector)     Level 3 (Lab Personnel)
- Printer Setup (Level 3,S,P)
- Forms Load (CMI, Inc., CoBrA Software)

#### B. LEVEL 1 Setup and Checks:

- Internal Printer Test and Paper Feed (Level 1,P). Attach record.
- External Printer Test (Level 1,P). Attach record.
- Barcode Reader (Level 1,B):
  - Operator ID     ND License     R key: Refusal. Attach record.

#### C. LEVEL 2 Setup and Checks:

- Continuous Air Blank (Level 2,A)
- Diagnostic (Level 2,D). Attach record.
- Prelim Data Entry (Level 2,E)
- Ser Number/Version Info (Level 2,V):
  - Inst Ser#: 80-006691    DSP Ver: 1362.14
  - Core Ver: 8164.14    CPLD Ver: 7

#### D. LEVEL 3 Setup and Checks:

- DVM Monitor (Level 3,D,D): 3: 13635 s: 1 c: 47.00  
9: 13430 s: 1 B: 45 0  
(RFI indicator with keyed radio): 1
- Function (F) Keys :  F5 – Tone                       F9 - Fan  
 F6 – Green LED                   F10 – Pump  
 F7 – Red LED                       F11 – Solenoid
- Atmospheric Monitor (Level 3,D,A): Atmo Sensor, P: 959 CF: 1.05
- Flow Monitor (Level 3,D,F): Flow Sensor, R: 232 F: 0.000 L/s

5. Temperature Monitor (Level 3,D,T): C: 47.0 A: 49.0 I: 0.0  
B: 45.0 V: 0.0
6. Tank Monitor (Level 3,D,G): P (display): 744 psi P (gauge): 750 psi
7.  General Setup (Level 3,S,G)
8.  Configure Start Test (Level 3,S,T)
9.  Network (Level 3,S,N)

**E. TESTS (attach all test records):**

**Configure wet bath simulator standards before running tests (Level 1,S):**

1. Zero AC (Level 1,C):  
Sim ser #: MP3064 Lot #: milli Q H<sub>2</sub>O Exp date: NA  
Known value: 0.000 AC  
Results: 0.000 AC 0.000 AC 0.000 AC
2. Low AC (Level 1,C):  
Sim ser #: MP3060 Lot #: 201507F Exp date: 28 July 17  
Known value: 0.020 AC  
Results: 0.018 AC 0.018 AC 0.018 AC
3. High AC (Level 1,C):  
Sim ser #: MP3070 Lot #: 16060 Exp date: 10 Feb 18  
Known value: 0.300 AC  
Results: 0.293 AC 0.293 AC 0.294 AC

**Configure dry gas standard before running tests (Level 1,S):**

4. Ethanol + 0.05% Acetone (Level 1,B):  
Sim ser #: DR5135 Lot #: 1CS4 Exp date: 9 Sep 17  
Known value: 0.010AC and 0.05 Acetone  
 Display reads "Interferent Detect"
5. Acetone (Level 1,B):  
Sim ser #: DR5143 Lot #: ACE2 Exp date: 29 Sep 17  
Known value: 0.05% Acetone  
 Display reads "Interferent Detect"
6. Methanol (Level 1,B):  
Sim ser #: DR3377 Lot #: MET2 Exp date: 29 Sep 17  
Known value: 0.10% methanol  
 Display reads "Interferent Detect"
7. Isopropanol (Level 1,B):  
Sim ser #: DR3453 Lot #: IPA2 Exp date: 29 Sep 17  
Known value: 0.10% Isopropanol  
 Display reads "Interferent Detect"

- 8.  Ambient Fail (Level 1,B): Display and test record read correct.
- 9.  Invalid Sample (Level 1,B): Display and test record read correct.
- 10.  Sequence Aborted (Level 1,B): Display and test record read correct.
- 11.  ABA (Level 1,B): Test record reads correct.
- 12.  Calibration Check Out of Tolerance (CMS mode): Display and test record read correct.
- 13.  RFI Detected (B,C, or CMS mode): Display and test record read correct.
- 14.  Tank Pressure Below Minimum (CMS mode): Display reads correct.
- 15.  Deficient Samples (CMS mode): Display and test record read correct.
- 16.  Improper Sample (CMS mode): Display and test record read correct.
- 17.  Difference Too Great (CMS mode): Display and test record read correct.
- 18.  CMS (CMS mode): Test record reads correct.
- 19. Stability Test (Level 3,T,S):

Ave: 0.0815 Std Dev: 0.0006 Rel Std Dev: 0.75%

Maintenance/Repairs/Notes: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Instrument is acceptable to be used in the field.

Charles E. Elder

28 MAR 17

Roberto Mungo-Nemmo  
Field Inspector's Signature

28 Mar 17  
Date

Deb Shanaver  
Reviewed by

28 Mar 17  
Date

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

CMI, Inc. Intoxilyzer Alcohol Analyzer  
North Dakota Model 8000 SN 80-006691  
Location = TOXL 8164.14.00 09/16  
03/28/2017 09:56

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

12 char/line  
abcdefghijkl  
ABCDEFGHIJKL

16 char per line  
abcdefghijklmnop  
ABCDEFGHIJKLMN

21 chars per line  
abcdefghijklmnopqrstu  
ABCDEFGHIJKLMN

24 characters per line  
abcdefghijklmnopqrstu  
ABCDEFGHIJKLMN

32 characters per line  
abcdefghijklmnopqrstu  
ABCDEFGHIJKLMN

42 characters per line  
abcdefghijklmnopqrstu  
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 MemFull? Yes  
# of Print Copies? 1  
Select Std (D/W/I)? Dry  
Standard Value? 0.100  
Standard Lot #? 32114100A1  
Standard Cyl #? 27  
Standard Expiration? 12/05/2016  
Oper No? 888888

Flow Cal. Date: 09/07/2016  
Slope 715  
Intercept -719337

IR Calibration Date: 09/07/2016  
3um 9um

0th Coef(*100):	-11169	-23079
1st Coef(*100):	265834	136373
2nd Coef(*100):	1816	1210
H2O adj(ng/l*10K):	497	550

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

*Roberta Grieger-Nimmo*  
Operator Signature  
ROBERTA GRIEGER-NIMMO

Remarks:

Internal Print  
Test  
Form 106-18000





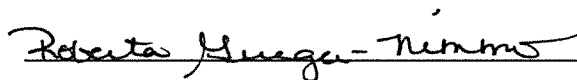
Intoxilyzer Test Record and Checklist  
NDOAG Crime Lab. Div., Bismarck, ND 58501

CMI, Inc. Intoxilyzer            Alcohol Analyzer  
North Dakota Model 8000            SN 80-006691  
Location = TOXL                    8164.14.00 09/16  
03/28/2017                            10:14

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. = 888888



Operator Signature  
ROBERTA GRIEGER-NIMMO

Remarks: *Diagnostic*





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

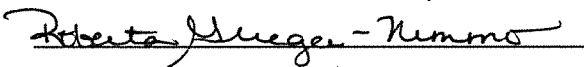
CMI, Inc. Intoxilyzer      Alcohol Analyzer  
North Dakota Model 8000      SN 80-006691  
Location = TOXL      8164.14.00 09/16  
03/28/2017      10:42

WET CAL CHECK

Test	AC	Time
01 Room Air	0.000	10:43
02 Std. Sol.	0.018	10:44
03 Room Air	0.000	10:44
04 Std. Sol.	0.018	10:45
05 Room Air	0.000	10:46
06 Std. Sol.	0.018	10:46
07 Room Air	0.000	10:47

08 Sim Temp = 34.0°C

Simul Ser No = MP3060  
Std Sol No = 201507F  
County = 08      Oper No. = 888888

  
Operator Signature  
ROBERTA GRIEGER-NIMMO

Remarks: Low AC  
0.020

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

CMI, Inc. Intoxilyzer      Alcohol Analyzer  
North Dakota Model 8000      SN 80-006691  
Location = TOXL      8164.14.00 09/16  
03/28/2017      10:50

WET CAL CHECK

Test	AC	Time
01 Room Air	0.000	10:51
02 Std. Sol.	0.293	10:52
03 Room Air	0.000	10:52
04 Std. Sol.	0.293	10:53
05 Room Air	0.000	10:53
06 Std. Sol.	0.294	10:54
07 Room Air	0.000	10:55

08 Sim Temp = 34.0°C

Simul Ser No = MP3070  
Std Sol No = 16060  
County = 08      Oper No. = 888888

  
Operator Signature  
ROBERTA GRIEGER-NIMMO

Remarks: High AC  
0.300





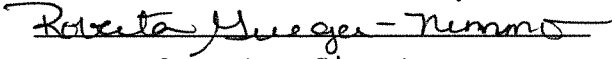
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NDOAG Crime Lab. Div., Bismarck, ND 58501

CMI, Inc. Intoxilyzer            Alcohol Analyzer  
North Dakota Model 8000            SN 80-006691  
Location = TOXL                    8164.14.00 09/16  
03/28/2017                            11:07

Test	AC	Time
01 Room Air	0.000	11:07
02 *Subject Test	INT*	11:08
03 Room Air	0.000	11:09

\*Invalid Test  
Interferent Detected

Sub Name = DISCOVER, THE SPIRIT  
Sub DOB = 01/01/1982  
Sub Sex = Female                    Weight = 150  
Test = DUI                            Cit = METHANOL  
Dr. Lic. = ND/DIS821456  
Lot No = 17316080A2  
Cyl No = 26  
Expiration Date = 08/05/2018  
County = 08                            Oper No. = 888888

  
Operator Signature  
ROBERTA GRIEGER-NIMMO

Remarks: Methanol 0.1090

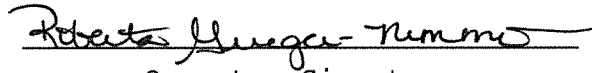
Intoxilyzer Test Record and Checklist  
NDOAG Crime Lab. Div., Bismarck, ND 58501

CMI, Inc. Intoxilyzer            Alcohol Analyzer  
North Dakota Model 8000        SN 80-006691  
Location = TOXL                8164.14.00 09/16  
03/28/2017                        11:12

Test	AC	Time
01 Room Air	0.000	11:13
02 *Subject Test	INT*	11:14
03 Room Air	0.000	11:14

\*Invalid Test  
Interferent Detected

Sub Name = DISCOVER, THE SPIRIT  
Sub DOB = 01/01/1982  
Sub Sex = Female                Weight = 150  
Test = DUI                        Cit = ISOPROPANOL  
Dr. Lic. = ND/DIS821456  
Lot No = 17316080A2  
Cyl No = 26  
Expiration Date = 08/05/2018  
County = 08                        Oper No. = 888888



Operator Signature  
ROBERTA GRIEGER-NIMMO

Remarks:  
0.10% isopropanol

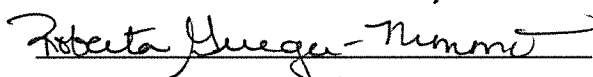
Intoxilyzer Test Record and Checklist  
NDOAG Crime Lab. Div., Bismarck, ND 58501

CMI, Inc. Intoxilyzer            Alcohol Analyzer  
North Dakota Model 8000            SN 80-006691  
Location = TOXL                    8164.14.00 09/16  
03/28/2017                            14:32

Test	AC	Time
01 Room Air	AMB*	14:33
02 Room Air	0.000	14:34

\*Invalid Test  
Check Ambient Conditions

Sub Name = DISCOVER, THE SPIRIT  
Sub DOB = 01/01/1982  
Sub Sex = Female                    Weight = 150  
Test = DUI                            Cit = AMBIENT FAIL  
Dr. Lic. = ND/DIS821456  
Lot No = 17316080A2  
Cyl No = 26  
Expiration Date = 08/05/2018  
County = 08                            Oper No. = 888888

  
Operator Signature  
ROBERTA GRIEGER-NIMMO

Remarks:

Ambient Fail

Form 106-I8000

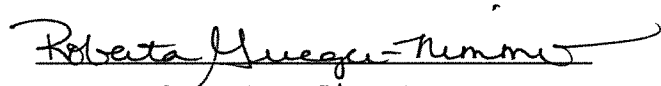
Intoxilyzer Test Record and Checklist  
NDOAG Crime Lab. Div., Bismarck, ND 58501

CMI, Inc. Intoxilyzer            Alcohol Analyzer  
North Dakota Model 8000            SN 80-006691  
Location = TOXL                    8164.14.00 09/16  
03/28/2017                            11:23

Test	AC	Time
01 Room Air	0.000	11:24
02 Invalid Sample	X.XXX	11:24
03 Room Air	0.000	11:25

\*Invalid Test - Mouth Alcohol

Sub Name = DISCOVER, THE SPIRIT  
Sub DOB = 01/01/1982  
Sub Sex = Female                    Weight = 150  
Test = DUI                            Cit = INVALID SAMPLE  
Dr. Lic. = ND/DIS821456  
Lot No = 17316080A2  
Cyl No = 26  
Expiration Date = 08/05/2018  
County = 08                            Oper No. = 888888

  
Operator Signature  
ROBERTA GRIEGER-NIMMO

Remarks: *Invalid Sample*







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

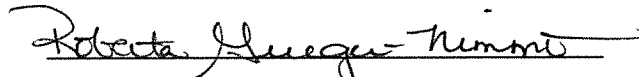
CMI, Inc. Intoxilyzer            Alcohol Analyzer  
North Dakota Model 8000            SN 80-006691  
Location = TOXL                    8164.14.00 09/16  
03/28/2017                            12:59

Test	AC	Time
01 Diagnostic	OK	13:00
02 Room Air	0.000	13:01
03 Subject Test 1	0.000	13:01
04 Room Air	0.000	13:03
05 Std. Gas	0.090*	13:04
06 Room Air	0.000	13:05

\*Cal Check Out of Tolerance

Sub Name = DISCOVER, THE SPIRIT  
Sub DOB = 01/01/1982  
Sub Sex = Female                    Weight = 150  
Test = DUI                            Cit = CAL OUT TOL  
Dr. Lic. = ND/DIS821456  
Lot No = 17316080A2  
Cyl No = 26  
Expiration Date = 08/05/2018  
County = 08                            Oper No. = 888888

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

  
Operator Signature  
ROBERTA GRIEGER-NIMMO

Remarks: Calibration Check out of Tolerance









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

CMI, Inc. Intoxilyzer            Alcohol Analyzer  
North Dakota Model 8000        SN 80-006691  
Location = TOXL                 8164.14.00 09/16  
03/28/2017                        13:33

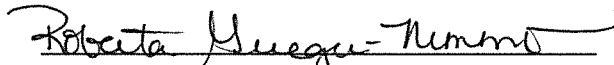
Test	AC	Time
01 Diagnostic	OK	13:34
02 Room Air	0.000	13:35
03 Subject Test 1	0.000	13:35
04 Room Air	0.000	13:37
05 Std. Gas	0.081	13:38
06 Room Air	0.000	13:40
07 Subject Test 2	0.000	13:40
08 Room Air	0.000	13:41
09 Reported AC	0.000	13:35

Difference OK  
No RFI Detected

Sub Name = DISCOVER, THE SPIRIT  
Sub DOB = 01/01/1982  
Sub Sex = Female                    Weight = 150  
Test = DUI                            Cit = CMS TEST  
Dr. Lic. = ND/DIS821456  
Lot No = 17316080A2  
Cyl No = 26  
Expiration Date = 08/05/2018  
County = 08                          Oper No. = 888888

20 minute waiting period ascertained? Y  
Clean Mouthpiece used and disposed? Y  
Clean Mouthpiece used and disposed? Y

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



Operator Signature  
ROBERTA GRIEGER-NIMMO

Remarks: CMS Test



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

CMI, Inc. Intoxilyzer            Alcohol Analyzer  
North Dakota Model 8000        SN 80-006691  
Location = TOXL                8164.14.00 09/16  
03/28/2017                      11:26

Test	AC	Time
01 Room Air	0.000	11:27
02 Std. Gas	0.080	11:27
03 Room Air	0.000	11:27
04 Std. Gas	0.081	11:28
05 Room Air	0.000	11:28
06 Std. Gas	0.081	11:29
07 Room Air	0.000	11:29
08 Std. Gas	0.081	11:30
09 Room Air	0.000	11:30
10 Std. Gas	0.082	11:30
11 Room Air	0.000	11:31
12 Std. Gas	0.082	11:31
13 Room Air	0.000	11:32
14 Std. Gas	0.081	11:32
15 Room Air	0.000	11:33
16 Std. Gas	0.081	11:33
17 Room Air	0.000	11:34
18 Std. Gas	0.082	11:34
19 Room Air	0.000	11:34
20 Std. Gas	0.081	11:35
21 Room Air	0.000	11:35
22 Std. Gas	0.081	11:36
23 Room Air	0.000	11:36
24 Std. Gas	0.081	11:37
25 Room Air	0.000	11:37
26 Std. Gas	0.082	11:37
27 Room Air	0.000	11:38
28 Std. Gas	0.081	11:38
29 Room Air	0.000	11:39
30 Std. Gas	0.082	11:39
31 Room Air	0.000	11:40
32 Std. Gas	0.082	11:40
33 Room Air	0.000	11:41
34 Std. Gas	0.082	11:41
35 Room Air	0.000	11:41
36 Std. Gas	0.082	11:42
37 Room Air	0.000	11:42
38 Std. Gas	0.082	11:43
39 Room Air	0.000	11:43
40 Std. Gas	0.082	11:44
41 Room Air	0.000	11:44
42 Cal Check Stats:		
43 Average	0.0815	
44 Std Dev	0.0006	
45 Rel Std Dev	0.75%	

*Roberta J. Sauer-Timm*

Operator Signature  
ROBERTA GRIEGER-NIMMO

Remarks:

Stability Test

Form 106-I8000

Lot 17316080A2  
Exp. date 5 Aug 18  
Cyl 026  
0.080 AC