

INTOXILYZER® 8000 INITIAL INSPECTION

Intoxilyzer® 8000 Serial Number: 80-006690

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 ↓)
3. 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#: 80-006690 DSP Ver: 1362.14
Core Ver: 8164.14 CPLD Ver: 7

D. LEVEL 3 Setup and Checks:

- DVM Monitor (Level 3,D,D): 3: 12796 s: 1 c: 47.00
9: 13379 s: 1 B: 45 0
(RFI indicator with keyed radio): _____
- 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: 962 CF: 1.05
- Flow Monitor (Level 3,D,F): Flow Sensor, R: 219 F: 0.000 L/s

5. Temperature Monitor (Level 3,D,T): C: 47.0 A: 48.5 I: 0.0
B: 45.0 V: 0.0
6. Tank Monitor (Level 3,D,G): P (display): 710 psi P (gauge): ~725 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 H₂O 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: 07.28.2017
Known value: 0.020 AC
Results: 0.019 AC 0.019 AC 0.019 AC
3. High AC (Level 1,C):
Sim ser #: MP3070 Lot #: 16060 Exp date: 2.10.18
Known value: 0.300 AC
Results: 0.297 AC 0.297 AC 0.297 AC

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

4. Ethanol + 0.05% Acetone (Level 1,B):
Sim ser #: DR5135 Lot #: FCS4 Exp date: 9/9/17
Known value: 0.10AC + 0.05% ACETONE
 Display reads "Interferent Detect"
5. Acetone (Level 1,B):
Sim ser #: DR5143 Lot #: ACE2 Exp date: 9/29/17
Known value: 0.05% ACETONE
 Display reads "Interferent Detect"
6. Methanol (Level 1,B):
Sim ser #: DR3377 Lot #: MET2 Exp date: 9/29/17
Known value: 0.10% METHANOL
 Display reads "Interferent Detect"
7. Isopropanol (Level 1,B):
Sim ser #: DR3453 Lot #: IPA2 Exp date: 9/29/17
Known value: 0.10% ISOPROPRANOL
 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: 0.0813 Std Dev: 0.0006 Rel Std Dev: 0.71%

Maintenance/Repairs/Notes: _____

Instrument is acceptable to be used in the field.

Charles E. Edr
Field Inspector's Signature

3/24/2017
Date

Deb Shanaver
Reviewed by

27 Mar 17
Date

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

CMI, Inc. Intoxilyzer Alcohol Analyzer
North Dakota Model 8000 SN 80-006690
Location = TOXL 8164.14.00 09/16
03/24/2017 10:16

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

12 char/line
abcdefghijkl
ABCDEFGHIJKL

16 char per line
abcdefghijklmnop
ABCDEFGHIJKLMN

21 chars per line
abcdefghijklmnopqrstu
ABCDEFGHIJKLMNQRSTU

24 characters per line
abcdefghijklmnopqrstuvw
ABCDEFGHIJKLMNQRSTUWX

32 characters per line
abcdefghijklmnopqrstuvwxy123456
ABCDEFGHIJKLMNQRSTUWXYZ123456

42 characters per line
abcdefghijklmnopqrstuvwxy1234567890abcdef
ABCDEFGHIJKLMNQRSTUWXYZ1234567890ABCDEF

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? Yes
of Print Copies? 1
Select Std (D/W/I)? Dry
Standard Value? 0.080
Standard Lot #? 17316080A2
Standard Cyl #? 26
Standard Expiration? 08/05/2018
Oper No? 666666

Flow Cal. Date: 09/07/2016
Slope 692
Intercept -621180

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

0th Coef(*100):	-16902	-23561
1st Coef(*100):	276538	132171
2nd Coef(*100):	1702	1220
H2O adj(mg/l*10k):	497	526

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



Operator Signature
CHARLES EDER

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 80-006690
Location = TOXL 8164.14.00 09/16
03/24/2017 10:20

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

abcdefghijklmnopqrstuvwxy1234567890-|=|
ABCDEFGHIJKLMNopQRSTUVWXYZ!@#%&^*()_+?

abcdefghijklmnopqrstuvwxy1234567890-|=|
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? Yes
of Print Copies? 1
Select Std (D/W/I)? Dry
Standard Value? 0.080
Standard Lot #? 17316080A2
Standard Cyl #? 26
Standard Expiration? 08/05/2018
Oper No? 666666

Flow Cal. Date: 09/07/2016
Slope 692
Intercept -621180

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

0th Coef(*100): -16902 -23561
1st Coef(*100): 276538 132171
2nd Coef(*100): 1702 1220
H2O adj(mg/l*10k): 497 526

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



Operator Signature
CHARLES EDER

Remarks:

EXTERNAL
PRINT TEST

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

CMI, Inc. Intoxilyzer Alcohol Analyzer
North Dakota Model 8000 SN 80-006690
Location = TOXL 8164.14.00 09/16
03/24/2017 10:28

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. = 666666



Operator Signature
CHARLES EDER

Remarks:

DIAGNOSTIC

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 80-006690
Location = TOXL 8164.14.00 09/16
03/24/2017 10:45

WET CAL CHECK

Test	AC	Time
01 Room Air	0.000	10:45
02 Std. Sol.	0.019	10:46
03 Room Air	0.000	10:46
04 Std. Sol.	0.019	10:47
05 Room Air	0.000	10:48
06 Std. Sol.	0.019	10:48
07 Room Air	0.000	10:49

08 Sim Temp = 34.0°C

Simul Ser No = MP3060
Std Sol No = 201507F
County = 08 Oper No. = 666666



Operator Signature
CHARLES EDER

Remarks: *LOW AC*
 0.020 AC

Form 106-I8000

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

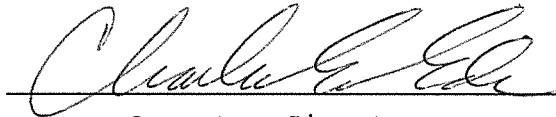
CMI, Inc. Intoxilyzer Alcohol Analyzer
North Dakota Model 8000 SN 80-006690
Location = TOXL 8164.14.00 09/16
03/24/2017 11:02

WET CAL CHECK

Test	AC	Time
01 Room Air	0.000	11:03
02 Std. Sol.	0.297	11:04
03 Room Air	0.000	11:05
04 Std. Sol.	0.297	11:05
05 Room Air	0.000	11:06
06 Std. Sol.	0.297	11:07
07 Room Air	0.000	11:07

08 Sim Temp = 34.0°C

Simul Ser No = MP3070
Std Sol No = 16060
County = 08 Oper No. = 666666



Operator Signature
CHARLES EDER

Remarks: HIGH AC
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 80-006690
Location = TOXL 8164.14.00 09/16
03/24/2017 11:16

Test	AC	Time
01 Room Air	0.000	11:18
02 *Subject Test	INT*	11:18
03 Room Air	0.000	11:19

*Invalid Test
Interferent Detected

Sub Name = DISCOVER, THE SPIRIT
Sub DOB = 01/01/1982
Sub Sex = Female Weight = 150
Test = DUI Cit = INTERFERENT
Dr. Lic. = ND/DIS821456
Lot No = 17316080A2
Cyl No = 26
Expiration Date = 08/05/2018
County = 08 Oper No. = 666666



Operator Signature
CHARLES EDER

Remarks: *Interferent*
0.05% ACETONE

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

CMI, Inc. Intoxilyzer Alcohol Analyzer
North Dakota Model 8000 SN 80-006690
Location = TOXL 8164.14.00 09/16
03/24/2017 11:19

Test	AC	Time
01 Room Air	0.000	11:21
02 *Subject Test	INT*	11:21
03 Room Air	0.000	11:22

*Invalid Test
Interferent Detected

Sub Name = DISCOVER, THE SPIRIT
Sub DOB = 01/01/1982
Sub Sex = Female Weight = 150
Test = DUI Cit = INTERFERENT
Dr. Lic. = ND/DIS821456
Lot No = 17316080A2
Cyl No = 26
Expiration Date = 08/05/2018
County = 08 Oper No. = 666666



Operator Signature
CHARLES EDER

Remarks:

Interferent
0.10% METHANOL

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 80-006690
Location = TOXL 8164.14.00 09/16
03/24/2017 11:22

Test	AC	Time
01 Room Air	0.000	11:23
02 *Subject Test	INT*	11:24
03 Room Air	0.000	11:24

*Invalid Test
Interferent Detected

Sub Name = DISCOVER, THE SPIRIT
Sub DOB = 01/01/1982
Sub Sex = Female Weight = 150
Test = DUI Cit = INTERFERENT
Dr. Lic. = ND/DIS821456
Lot No = 17316080A2
Cyl No = 26
Expiration Date = 08/05/2018
County = 08 Oper No. = 666666



Operator Signature
CHARLES EDER

Remarks:

Interferent
0.10% ISOPROPNOL

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 80-006690
Location = TOXL 8164.14.00 09/16
03/24/2017 13:27

Test	AC	Time
01 Room Air	0.000	13:28
02 Invalid Sample	X.XXX	13:28
03 Room Air	0.000	13:29

*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. = 666666



Operator Signature
CHARLES EDER

Remarks:

*INVALID
SAMPLE*
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 80-006690
Location = TOXL 8164.14.00 09/16
03/24/2017 13:38

Test	AC	Time
01 Diagnostic	OK	13:39
02 Room Air	0.000	13:39
03 *Subject Test	0.000*	13:42
04 Room Air	0.000	13:44
05 Std. Gas	0.090**	13:45
06 Room Air	0.000	13:46

*Deficient Sample - Value Printed was
Highest Obtained
**Cal Check Out of Tolerance

Sub Name = DISCOVER, THE SPIRIT
Sub DOB = 01/01/1982
Sub Sex = Female Weight = 150
Test = DUI Cit = CAL CHK OUT TOL
Dr. Lic. = ND/DIS821456
Lot No = 17316080A2
Cyl No = 26
Expiration Date = 08/05/2018
County = 08 Oper No. = 666666

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



Operator Signature
CHARLES EDER

Remarks: CALIBRATION CHECK
OUT OF TOLERANCE

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 80-006690
Location = TOXL 8164.14.00 09/16
03/24/2017 13:48

Test	AC	Time
01 Diagnostic	OK	13:50
02 Room Air	RFI*	13:50
03 Room Air	0.000	13:50

*Invalid Test
Inhibited - RFI

Sub Name = DISCOVER, THE SPIRIT
Sub DOB = 01/01/1982
Sub Sex = Female Weight = 150
Test = DUI Cit = RFI DETECTED
Dr. Lic. = ND/DIS821456
Lot No = 17316080A2
Cyl No = 26
Expiration Date = 08/05/2018
County = 08 Oper No. = 666666

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



Operator Signature
CHARLES EDER

Remarks: *RFI DETECTED*

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

CMI, Inc. Intoxilyzer Alcohol Analyzer
North Dakota Model 8000 SN 80-006690
Location = TOXL 8164.14.00 09/16
03/24/2017 13:53

Test	AC	Time
01 Diagnostic	OK	13:54
02 Room Air	0.000	13:54
03 *Subject Test	0.000*	13:57
04 Room Air	0.000	14:00
05 Std. Gas	0.082	14:01
06 Room Air	0.000	14:02
07 *Subject Test	0.000*	14:05
08 Room Air	0.000	14:07

No RFI Detected

*Deficient Sample - Value Printed was
Highest Obtained

Sub Name = DISCOVER, THE SPIRIT
Sub DOB = 01/01/1982
Sub Sex = Female Weight = 150
Test = DUI Cit = DEFICIENT SAMP
Dr. Lic. = ND/DIS821456
Lot No = 17316080A2
Cyl No = 26
Expiration Date = 08/05/2018
County = 08 Oper No. = 666666

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
CHARLES EDER

Remarks:

DEFICIENT

SAMPLES

Form 106-I8000

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

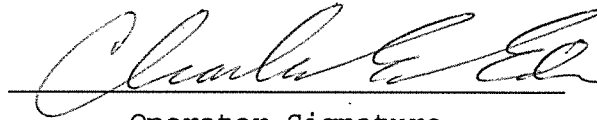
CMI, Inc. Intoxilyzer Alcohol Analyzer
North Dakota Model 8000 SN 80-006690
Location = TOXL 8164.14.00 09/16
03/24/2017 14:07

Test	AC	Time
01 Diagnostic	OK	14:08
02 Room Air	IPS*	14:08
03 Room Air	0.000	14:09

*Improper Sample

Sub Name = DISCOVER, THE SPIRIT
Sub DOB = 01/01/1982
Sub Sex = Female Weight = 150
Test = DUI Cit = IMPROPER SAMPLE
Dr. Lic. = ND/DIS821456
Lot No = 17316080A2
Cyl No = 26
Expiration Date = 08/05/2018
County = 08 Oper No. = 666666

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



Operator Signature
CHARLES EDER

Remarks:

*IMPROPER
SAMPLE*

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 80-006690
Location = TOXL 8164.14.00 09/16
03/24/2017 14:20

Test	AC	Time
01 Diagnostic	OK	14:21
02 Room Air	0.000	14:21
03 Subject Test 1	0.142	14:22
04 Room Air	0.000	14:24
05 Std. Gas	0.081	14:25
06 Room Air	0.000	14:27
07 Subject Test 2	0.143	14:27
08 Room Air	0.000	14:28
09 Reported AC	0.142	14:22

Difference OK
No RFI Detected

Sub Name = DISCOVER, THE SPIRIT
Sub DOB = 01/01/1982
Sub Sex = Female Weight = 150
Test = DUI Cit = CMS MODE
Dr. Lic. = ND/DIS821456
Lot No = 17316080A2
Cyl No = 26
Expiration Date = 08/05/2018
County = 08 Oper No. = 666666

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
CHARLES EDER

Remarks:

CMS MODE

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

CMI, Inc. Intoxilyzer Alcohol Analyzer
North Dakota Model 8000 SN 80-006690
Location = TOXL 8164.14.00 09/16
03/24/2017 14:29

Test	AC	Time
01 Room Air	0.000	14:30
02 Std. Gas	0.081	14:30
03 Room Air	0.000	14:31
04 Std. Gas	0.081	14:31
05 Room Air	0.000	14:32
06 Std. Gas	0.080	14:32
07 Room Air	0.000	14:32
08 Std. Gas	0.081	14:33
09 Room Air	0.000	14:33
10 Std. Gas	0.081	14:34
11 Room Air	0.000	14:34
12 Std. Gas	0.081	14:35
13 Room Air	0.000	14:35
14 Std. Gas	0.081	14:35
15 Room Air	0.000	14:36
16 Std. Gas	0.081	14:36
17 Room Air	0.000	14:37
18 Std. Gas	0.081	14:37
19 Room Air	0.000	14:38
20 Std. Gas	0.082	14:38
21 Room Air	0.000	14:39
22 Std. Gas	0.082	14:39
23 Room Air	0.000	14:39
24 Std. Gas	0.082	14:40
25 Room Air	0.000	14:40
26 Std. Gas	0.081	14:41
27 Room Air	0.000	14:41
28 Std. Gas	0.081	14:42
29 Room Air	0.000	14:42
30 Std. Gas	0.081	14:42
31 Room Air	0.000	14:43
32 Std. Gas	0.082	14:43
33 Room Air	0.000	14:44
34 Std. Gas	0.082	14:44
35 Room Air	0.000	14:45
36 Std. Gas	0.081	14:45
37 Room Air	0.000	14:46
38 Std. Gas	0.082	14:46
39 Room Air	0.000	14:46
40 Std. Gas	0.082	14:47
41 Room Air	0.000	14:47
42 Cal Check Stats:		
43 Average	0.0813	
44 Std Dev	0.0006	
45 Rel Std Dev	0.71%	



CHARLES EDER

Remarks:

STABILITY TEST

0.080 AC

Form 106-I8000

LOT: 17316080A2

CYL: 026

EXP: 8/5/2018