

INTOXILYZER® 8000 INITIAL INSPECTION

Serial Number: 80-005949

1. Power On and Warm-up:

- a. Power On
- b. 5 min. Countdown from Initial Warm-up
- c. 1 min. Countdown to Begin a Test
- d. Forms Load Complete

2. Setup and Checks:

a. Level 1:

- 1) Passwords: Field Inspector (Level 2) Lab Personnel (Level 3)
- 2) Gas Cylinder: Gas Cylinder Setup (Level 1,S)
- 3) Printer: Printer Setup (Level 3,S,P)
 - Internal Printer Paper Feed
 - Internal Printer Test (Level 1,P)
 - External Printer Test (Level 1,P)
- 4) Barcode Reader (Level 1,B): Operator ID
 ND License

b. Level 2:

- 1) Continuous Purge (Level 2,A)
- 2) Diagnostic (Level 2,D)
- 3) Prelim Data Entry (Level 2,E)
- 4) Ser Num/Version Info (Level 2,V): Ser Num 80-005949
Version 8164.13

c. Level 3:

- 1) DVM Monitor (Level 3,D,D): 3: 12575 s: 2 C: 47.00
9: 13296 s: 2 B: 45 0
(RFI indicator with keyed radio) 1

- 2) Function (F) Keys: F5 – Tone
 F6 – Green LED
 F7 – Red LED
 F9 – Fan
 F10 – Pump
 F11 – Solenoid

- 3) Atmospheric Monitor (Level 3,D,A): Atmo Sensor, P: 966 CF: 1.04
- 4) Flow Monitor (Level 3,D,F): Flow Sensor, R: 193 F: 0.000 L/s

5) Temperature Monitor (Level 3,D,T): C: 47.0 A: 48.0 I: 0.0
B: 45.0 V: 0.0

6) Tank Monitor (Level 3,D,G): P (gauge): ~450 P (display): 445
7) General Setup (Level 3,S,G)
8) Configure Start Test (Level 3,S,T)
9) Network (Level 3,S,N)

3. Tests:

a. Configure Standard for Wet Bath Simulator (Level 1,S):

1) Zero Alcohol Test (Level 1,C):
Sim Ser #: DR5188 Lot #: MILLI QH2O Exp Date: NA
Known Value: 0.000 AC
Results: 0.000 AC 0.000 AC 0.000 AC

2) Low AC Test (Level 1,C):
Sim Ser #: DR3455 Lot #: 12210 Exp Date: 11-2-14
Known Value: 0.020 AC
Results: 0.017 AC 0.017 AC 0.018 AC

3) Linearity Test (Level 1,C):
Sim Ser #: DR3847 Lot #: 13020 Exp Date: 1-15-15
Known Value: 0.300 AC
Results: 0.294 AC 0.297 AC 0.297 AC

b. Configure Dry Gas Standard (Level 1,S):

1) Interferent Detected Tests (Level 1,B):

1. 0.10 AC + 0.05% Acetone
Sim Ser #: DR3377 Lot #: ICS#1 Exp Date: 4-9-14
Known Value: 0.10 AC + 0.05% ACETONE
 Display reads "Interferent Detect"

2. Acetone
Sim Ser #: G8919 Lot #: ACE1 Exp Date: 8-27-15
Known Value: 0.05% ACETONE
 Display reads "Interferent Detect"

3. Methanol
Sim Ser #: G10573 Lot #: MET1 Exp Date: 8-27-15
Known Value: 0.10% METHANOL
 Display reads "Interferent Detect"

4. Isopropanol
Sim Ser #: G9998 Lot #: IPA1 Exp Date: 8-27-15
Known Value: 0.10% ISOPROPRANOL
 Display reads "Interferent Detect"
- 2) Ambient Fail (Level 1,B): Display and test record are correct
3) Invalid Sample (Level 1,B): Display and test record are correct
4) Subject Test Timeout (Level 1,B): Display and test record are correct.
5) Sequence Aborted (Level 1,B): Display and test record are correct
6) Control Outside Tolerance (CMS mode): Display and test record are correct
7) RFI Detected Test (CMS mode): Display and test record are correct
8) Tank Pressure Below Min (CMS mode): Display reads correct
9) Subject Refused (CMS mode): Display and test record are correct
10) Difference Too Great (CMS mode): Display and test record are correct
11) Stability Test (Level 3,T,S):
Average 0.0802 Std Dev 0.0006 Rel Std Dev 0.74%

Maintenance/Repairs/Notes: _____

THIS UNIT IS ACCEPTABLE FOR USE IN THE FIELD.

Charles E. Edm

Field Inspector's Signature

12 SEP 13

Date

Deb Kashur

Reviewed by

12 Sept 2013

Date

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

CMI, Inc. Intoxilyzer Alcohol Analyzer
North Dakota Model 8000 SN 80-005949
Location = TOXL 8164.13.00 06/09
09/12/2013 09:22

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

12 char/line
abcdefghijkl
ABCDEFGHIJKL

16 char per line
abcdefghijklmnop
ABCDEFGHIJKLMN

21 chars per line
abcdefghijklmnopqrstu
ABCDEFGHIJKLMNQRSTU

24 characters per line
abcdefghijklmnopqrstuwx
ABCDEFGHIJKLMNQRSTUWX

32 characters per line
abcdefghijklmnopqrstuwx123456
ABCDEFGHIJKLMNQRSTUWXYZ123456

42 characters per line
abcdefghijklmnopqrstuwx1234567890abcdef
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 Memfull? No
of Print Copies? 1
Select Std (D/W/I)? Dry
Standard Value? 0.080
Standard Lot #? 23411080A1
Standard Cyl #? 32
Standard Expiration? 10/01/2013
Oper No? 666666

Flow Cal. Date: 06/20/2013
Slope 692
Intercept -708987

IR Calibration Date: 06/20/2013
3um 9um

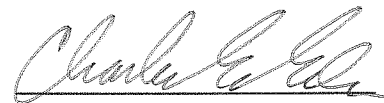
0th Coef(*100): -29840 -31402

1st Coef(*100): 265030 136335

2nd Coef(*100): 2410 982

H2O adj(mg/l*10K): 690 563

***** 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

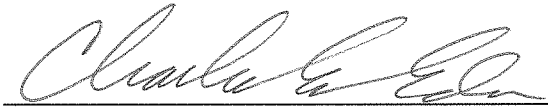
CMI, Inc. Intoxilyzer Alcohol Analyzer
North Dakota Model 8000 SN 80-005949
Location = TOXL 8164.13.00 06/09
09/12/2013 09:49

WET CAL CHECK

Test	AC	Time
01 Room Air	0.000	09:50
02 Std. Sol.	0.000	09:50
03 Room Air	0.000	09:51
04 Std. Sol.	0.000	09:51
05 Room Air	0.000	09:52
06 Std. Sol.	0.000	09:53
07 Room Air	0.000	09:53

08 Sim Temp = 34.0°C

Simul Ser No = DR5188
Std Sol No = MILLIQ H2O
County = 08 Oper No. = 666666



Operator Signature
CHARLES EDER

Remarks: 0.000 AC SIM. SOL.
 ZERO ALCOHOL CHECK

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 80-005949
Location = TOXL 8164.13.00 06/09
09/12/2013 09:56

WET CAL CHECK

Test	AC	Time
01 Room Air	0.000	09:57
02 Std. Sol.	0.017	09:58
03 Room Air	0.000	09:58
04 Std. Sol.	0.017	09:59
05 Room Air	0.000	10:00
06 Std. Sol.	0.018	10:00
07 Room Air	0.000	10:01

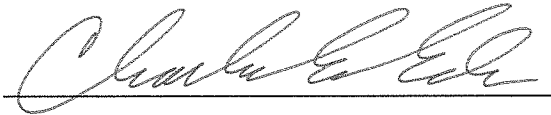
08 Sim Temp = 34.0°C

Simul Ser No = DR3455

Std Sol No = 12210

County = 08

Oper No. = 666666



Operator Signature
CHARLES EDER

Remarks: 0.020 AC Sim. Sol,
 Low AC CHECK

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 80-005949
Location = TOXL 8164.13.00 06/09
09/12/2013 10:02

WET CAL CHECK

Test	AC	Time
01 Room Air	0.000	10:03
02 Std. Sol.	0.294	10:04
03 Room Air	0.000	10:05
04 Std. Sol.	0.297	10:05
05 Room Air	0.000	10:06
06 Std. Sol.	0.297	10:07
07 Room Air	0.000	10:07

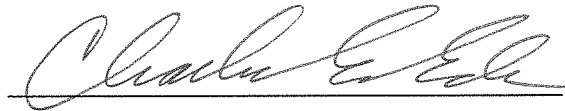
08 Sim Temp = 34.0°C

Simul Ser No = DR3847

Std Sol No = 13020

County = 08

Oper No. = 666666



Operator Signature
CHARLES EDER

Remarks:

0.300 AC Sim Sol.

LINEARITY CHECK

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 80-005949
Location = TOXL 8164.13.00 06/09
09/12/2013 10:12

Test	AC	Time
01 Room Air	0.000	10:13
02 *Subject Test	INT*	10:13
03 Room Air	0.000	10:14

*Invalid Test
Interferent Detected

Sub Name = DISCOVER, THE SPIRIT
Sub DOB = 01/01/1982
Sub Sex = Female Weight = 150
Test = DUI Cit = 0.10AC+0.05ACE
Dr. Lic. = ND/DIS821456
Lot No = 23411080A1
Cyl No = 32
Expiration Date = 10/01/2013
County = 08 Oper No. = 666666



Operator Signature
CHARLES EDER

Remarks: INTERFERENT DETECTED TEST
0.100% AC + 0.05% ACETONE

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 80-005949
Location = TOXL 8164.13.00 06/09
09/12/2013 10:22

Test	AC	Time
01 Room Air	0.000	10:23
02 *Subject Test	INT*	10:24
03 Room Air	0.000	10:24

*Invalid Test
Interferent Detected

Sub Name = DISCOVER, THE SPIRIT
Sub DOB = 01/01/1982
Sub Sex = Female Weight = 150
Test = DUI Cit = 0.10 IPA
Dr. Lic. = ND/DIS821456
Lot No = 23411080A1
Cyl No = 32
Expiration Date = 10/01/2013
County = 08 Oper No. = 666666



Operator Signature
CHARLES EDER

Remarks: 0.10% ISOPROPANOL

INTERFERENT DETECTED TEST

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 80-005949
Location = TOXL 8164.13.00 06/09
09/12/2013 10:41

Test	AC	Time
01 Room Air	0.000	10:42
02 *Subject Test	ABT*	10:42
03 Room Air	0.000	10:42

*Sequence Aborted

Sub Name = DISCOVER, THE SPIRIT
Sub DOB = 01/01/1982
Sub Sex = Female Weight = 150
Test = DUI Cit = SEQ ABORTED
Dr. Lic. = ND/DIS821456
Lot No = 23411080A1
Cyl No = 32
Expiration Date = 10/01/2013
County = 08 Oper No. = 666666



Operator Signature
CHARLES EDER

Remarks: SEQUENCE ABORTED TEST

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

CMI, Inc. Intoxilyzer Alcohol Analyzer
North Dakota Model 8000 SN 80-005949
Location = TOXL 8164.13.00 06/09
09/12/2013 10:44

Test	AC	Time
01 Diagnostic	OK	10:45
02 Room Air	0.000	10:46
03 Subject Test 1	0.098	10:46
04 Room Air	0.000	10:49
05 Std. Gas	0.087*	10:50
06 Room Air	0.000	10:50

*Cal Check Out of Tolerance

Sub Name = DISCOVER, THE SPIRIT
Sub DOB = 01/01/1982
Sub Sex = Female Weight = 150
Test = DUI Cit = CONTROL OUT TOL
Dr. Lic. = ND/DIS821456
Lot No = 23411080A1
Cyl No = 32
Expiration Date = 10/01/2013
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: CONTROL OUT OF TOLERANCE
TEST

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

CMI, Inc. Intoxilyzer Alcohol Analyzer
North Dakota Model 8000 SN 80-005949
Location = TOXL 8164.13.00 06/09
09/12/2013 10:56

Test	AC	Time
01 Diagnostic	OK	10:57
02 Room Air	RFI*	10:57
03 Room Air	0.000	10:58

*Invalid Test
Inhibited - RFI

Sub Name = DISCOVER, THE SPIRIT
Sub DOB = 01/01/1982
Sub Sex = Female Weight = 150
Test = DUI Cit = RFI DETECT
Dr. Lic. = ND/DIS821456
Lot No = 23411080A1
Cyl No = 32
Expiration Date = 10/01/2013
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 DETECT TEST*

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

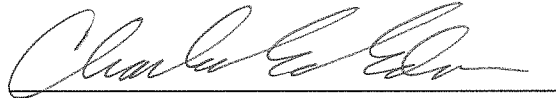
CMI, Inc. Intoxilyzer Alcohol Analyzer
North Dakota Model 8000 SN 80-005949
Location = TOXL 8164.13.00 06/09
09/12/2013 11:01

Test	AC	Time
01 Diagnostic	OK	11:02
02 Room Air	0.000	11:02
03 Subject Test 1	0.199	11:03
04 Room Air	0.000	11:05
05 Std. Gas	0.081	11:06
06 Room Air	0.000	11:08
07 *Subject Test	REF*	11:08
08 Room Air	0.000	11:09

*Subject Test Refused

Sub Name = DISCOVER, THE SPIRIT
Sub DOB = 01/01/1982
Sub Sex = Female Weight = 150
Test = DUI Cit = SUBJECT REFUSED
Dr. Lic. = ND/DIS821456
Lot No = 23411080A1
Cyl No = 32
Expiration Date = 10/01/2013
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: *SUBJECT REFUSED TEST*

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

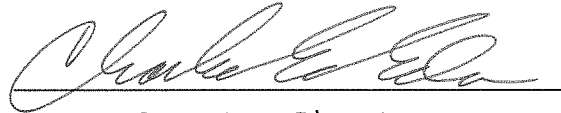
CMI, Inc. Intoxilyzer Alcohol Analyzer
North Dakota Model 8000 SN 80-005949
Location = TOXL 8164.13.00 06/09
09/12/2013 11:09

Test	AC	Time
01 Diagnostic	OK	11:11
02 Room Air	0.000	11:11
03 Subject Test 1	0.099*	11:12
04 Room Air	0.000	11:17
05 Std. Gas	0.080	11:18
06 Room Air	0.000	11:19
07 Subject Test 2	0.152*	11:20
08 Room Air	0.000	11:21

*Difference Too Great

Sub Name = DISCOVER, THE SPIRIT
Sub DOB = 01/01/1982
Sub Sex = Female Weight = 150
Test = DUI Cit = DIFF TOO GREAT
Dr. Lic. = ND/DIS821456
Lot No = 23411080A1
Cyl No = 32
Expiration Date = 10/01/2013
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: DIFFERENCE TOO GREAT TEST

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

CMI, Inc. Intoxilyzer Alcohol Analyzer
North Dakota Model 8000 SN 80-005949
Location = TOXL 8164.13.00 06/09
09/12/2013 11:23

Test	AC	Time
01 Room Air	0.000	11:24
02 Std. Gas	0.079	11:24
03 Room Air	0.000	11:25
04 Std. Gas	0.080	11:25
05 Room Air	0.000	11:26
06 Std. Gas	0.079	11:26
07 Room Air	0.000	11:27
08 Std. Gas	0.080	11:27
09 Room Air	0.000	11:28
10 Std. Gas	0.081	11:28
11 Room Air	0.000	11:28
12 Std. Gas	0.080	11:29
13 Room Air	0.000	11:29
14 Std. Gas	0.080	11:30
15 Room Air	0.000	11:30
16 Std. Gas	0.080	11:31
17 Room Air	0.000	11:31
18 Std. Gas	0.081	11:31
19 Room Air	0.000	11:32
20 Std. Gas	0.080	11:32
21 Room Air	0.000	11:33
22 Std. Gas	0.080	11:33
23 Room Air	0.000	11:34
24 Std. Gas	0.080	11:34
25 Room Air	0.000	11:35
26 Std. Gas	0.081	11:35
27 Room Air	0.000	11:36
28 Std. Gas	0.080	11:36
29 Room Air	0.000	11:36
30 Std. Gas	0.080	11:37
31 Room Air	0.000	11:37
32 Std. Gas	0.081	11:38
33 Room Air	0.000	11:38
34 Std. Gas	0.081	11:39
35 Room Air	0.000	11:39
36 Std. Gas	0.080	11:39
37 Room Air	0.000	11:40
38 Std. Gas	0.080	11:40
39 Room Air	0.000	11:41
40 Std. Gas	0.080	11:41
41 Room Air	0.000	11:42
42 Cal Check Stats:		
43 Average	0.0802	
44 Std Dev	0.0006	
45 Rel Std Dev	0.74%	

Charles E. Ede
STABILITY TEST
Pg. 1 of 2

Operator Signature
CHARLES EDER

Remarks:

Lot#: 23411080A1 Cyl#: 032 Exp. DATE: 10/1/2013

Form 106-I8000

0.080 AC E.B.S.

Charles Eder
STABILITY TEST
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