

INTOXILYZER® 8000 REPAIR AND MAINTENANCE

Intoxilyzer® 8000 Serial Number: 80-006496 Location: TOXL

1. Reported Issue:

purge errors in field

2. Found/Determined:

This instrument has had previous purge errors in the field.

3. Repair/Maintenance Performed:

• ran continuous air blank for 4 hours on 28 Feb 23

4. Check and reset if needed; time, date, and location. (Level 2, E)

5. Tank monitor display and regulator within 50 psi. (Level 3, D, G)

Display: 350 psi Regulator: 375 psi

N/A If needed, completed tare of tank sensor. (Level 3, M, C, G)

6. Does the flow need to be calibrated? Yes or No
If Yes, attach paperwork.

7. Does the optical bench need a calibration adjustment? Yes or No
If Yes, attach test records.

8. Does the instrument require further testing? Yes or No
If No, sign and date at end of form.
If Yes, state testing required or: Perform all tests for repair.

Configure simulator(s) for the following tests: (Level 1, S) Attach test records

9. Wet Calibration Check: (ACA Test)

Low AC (Level 1, C): Known value ≤ 0.03 AC. 0.020 AC
Sim SN: MP5318 Lot #: 21340 Exp. Date: 24 Aug 2023

High AC (Level 1, C): Known value ≥ 0.25 AC. 0.300 AC
Sim SN: MP3063 Lot #: 21420 Exp. Date: 20 Oct 2023

Wet Calibration Check results are within ± 0.005 or $\pm 5\%$ (whichever is greater) of stated AC value.

Configure dry gas standard for the following tests: (Level 1, S) Attach test records.

10. Print test. (Level 1, P)

11. Interferent Check. 0.10 AC ethanol plus 0.05% Acetone. (Level 1, B)
Sim SN: DR7345 Lot #: 1CS7 Display reads "Interferent Detect"

12. RFI Check. (CMS mode) Display reads "RFI Detect"

13. Dry Calibration Check/Stability Test (Level 3, T, S, D, 15)

Known: 0.080 AC Ethanol Gas Standard.
Lot No. 02621080A1 Cylinder No. 030 Expiration Date 05 Mar 2023

Average AC: 0.0814 Std. Dev. 0.0005 Rel. Std. Dev. 0.63%

Remarks/Notes:

Ran diagnostic test

Instrument is acceptable to be used in the field.

[Signature]
Breath Analyst Signature

28 Feb 2023
Date

[Signature]
Reviewed by

01 Mar 23
Date

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

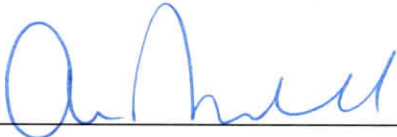
CMI, Inc. Intoxilyzer Alcohol Analyzer
North Dakota Model 8000 SN 80-006496
Location = TOXL 8164.14.00 09/16
02/28/2023 13:44

WET CAL CHECK

Test	AC	Time
01 Room Air	0.000	13:44
02 Std. Sol.	0.019	13:45
03 Room Air	0.000	13:46
04 Std. Sol.	0.019	13:46
05 Room Air	0.000	13:47
06 Std. Sol.	0.020	13:48
07 Room Air	0.000	13:48

08 Sim Temp = 34.0°C

Simul Ser No = MP5318
Std Sol No = 21340
County = 08 Oper No. = 133237



Operator Signature
ANNA NAREHOOD

Remarks: *LOW AC 0.020AC*

Form 106-I8000

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

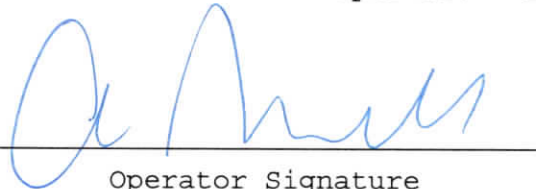
CMI, Inc. Intoxilyzer Alcohol Analyzer
North Dakota Model 8000 SN 80-006496
Location = TOXL 8164.14.00 09/16
02/28/2023 13:50

WET CAL CHECK

Test	AC	Time
01 Room Air	0.000	13:51
02 Std. Sol.	0.294	13:53
03 Room Air	0.000	13:53
04 Std. Sol.	0.296	13:54
05 Room Air	0.000	13:54
06 Std. Sol.	0.298	13:55
07 Room Air	0.000	13:56

08 Sim Temp = 34.0°C

Simul Ser No = MP3063
Std Sol No = 21420
County = 08 Oper No. = 133237



Operator Signature
ANNA NAREHOOD

Remarks: *High AC 0.300 AC*

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

CMI, Inc. Intoxilyzer Alcohol Analyzer
North Dakota Model 8000 SN 80-006496
Location = TOXL 8164.14.00 09/16
02/28/2023 13:58

***** 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 #? 02621080A1
Standard Cyl #? 30
Standard Expiration? 03/05/2023
Oper No? 133237

Flow Cal. Date: 01/29/2020
Slope 663
Intercept -706121

IR Calibration Date: 08/18/2015
 3um 9um

	3um	9um
0th Coef(*100):	-22081	-15963
1st Coef(*100):	278490	136818
2nd Coef(*100):	2086	1282
H2O adj(mg/l*10k):	598	386

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



Operator Signature
ANNA NAREHOOD

Remarks:

Print Test

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CMI, Inc. Intoxilyzer Alcohol Analyzer
North Dakota Model 8000 SN 80-006496
Location = TOXL 8164.14.00 09/16
02/28/2023 13:58

Test	AC	Time
01 Room Air	0.000	13:59
02 *Subject Test	INT*	13:59
03 Room Air	0.000	14:00

*Invalid Test
Interferent Detected

Sub Name = DISCOVER, THE SPIRIT
Sub DOB = 01/01/1982
Sub Sex = Female Weight = 150
Test = OTH Cit = INTERFERENT
Dr. Lic. = ND/DIS821456
Lot No = 02621080A1
Cyl No = 30
Expiration Date = 03/05/2023
County = 08 Oper No. = 133237



Operator Signature
ANNA NAREHOOD

Remarks:

Interferent check

Form 106-I8000

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

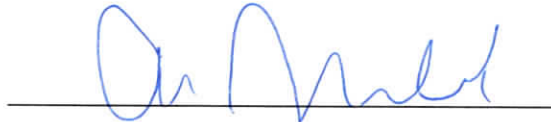
CMI, Inc. Intoxilyzer Alcohol Analyzer
North Dakota Model 8000 SN 80-006496
Location = TOXL 8164.14.00 09/16
02/28/2023 14:00

Test	AC	Time
01 Diagnostic	OK	14:01
02 Room Air	0.000	14:01
03 *Subject Test	RFI*	14:02
04 Room Air	0.000	14:02

*Invalid Test
 Inhibited - RFI

Sub Name = DISCOVER, THE SPIRIT
Sub DOB = 01/01/1982
Sub Sex = Female Weight = 150
Test = OTH Cit = RFI TEST
Dr. Lic. = ND/DIS821456
Lot No = 02621080A1
Cyl No = 30
Expiration Date = 03/05/2023
County = 08 Oper No. = 133237

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



Operator Signature
ANNA NAREHOOD

Remarks:

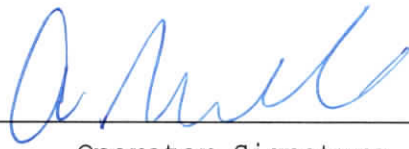
RFI check

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 80-006496
Location = TOXL 8164.14.00 09/16
02/28/2023 14:03

Test	AC	Time
01 Room Air	0.000	14:04
02 Std. Gas	0.082	14:04
03 Room Air	0.000	14:05
04 Std. Gas	0.081	14:05
05 Room Air	0.000	14:06
06 Std. Gas	0.082	14:06
07 Room Air	0.000	14:07
08 Std. Gas	0.081	14:07
09 Room Air	0.000	14:08
10 Std. Gas	0.081	14:08
11 Room Air	0.000	14:08
12 Std. Gas	0.082	14:09
13 Room Air	0.000	14:09
14 Std. Gas	0.082	14:10
15 Room Air	0.000	14:10
16 Std. Gas	0.081	14:11
17 Room Air	0.000	14:11
18 Std. Gas	0.082	14:12
19 Room Air	0.000	14:12
20 Std. Gas	0.082	14:12
21 Room Air	0.000	14:13
22 Std. Gas	0.081	14:13
23 Room Air	0.000	14:14
24 Std. Gas	0.081	14:14
25 Room Air	0.000	14:15
26 Std. Gas	0.081	14:15
27 Room Air	0.000	14:16
28 Std. Gas	0.081	14:16
29 Room Air	0.000	14:17
30 Std. Gas	0.081	14:17
31 Room Air	0.000	14:18
32 Cal Check Stats:		
33 Average	0.0814	
34 Std Dev	0.0005	
35 Rel Std Dev	0.63%	



Operator Signature
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Remarks:

Stability Test

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CMI, Inc. Intoxilyzer Alcohol Analyzer
North Dakota Model 8000 SN 80-006496
Location = TOXL 8164.14.00 09/16
02/28/2023 14:33

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. = 133237



Operator Signature
ANNA NAREHOOD

Remarks:

Diagnostic

Form 106-I8000