

INTOXILYZER® 8000 REPAIR AND MAINTENANCE

Intoxilyzer® 8000 Serial Number: 80-005939 Location: TOXL

1. Reported Issue:

Battery discharging.

2. Found/Determined:

Once opened up, the one cord going from the external battery plug to the board was pinched.

3. Repair/Maintenance Performed:

Replaced external battery packs' internal wiring. Battery no longer 'discharging'.

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: 212 psi Regulator: 200 psi

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

6. Does the flow need to be calibrated?

If Yes, attach paperwork.

Yes or No

7. Does the optical bench need a calibration adjustment?

If Yes, attach test records.

Yes or No

8. Does the instrument require further testing?

If No, sign and date at end of form.

If Yes, state testing required or: Perform all tests for repair.

Yes or No

Initial inspection required due to opening Intox case to replace battery.

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 \leq 0.03 AC. 0.020 AC
Sim SN: MP5318 Lot #: 202201A Exp. Date: 11Jan24

High AC (Level 1, C): Known value \geq 0.25 AC. 0.300 AC
Sim SN: MP3067 Lot #: 202201F Exp. Date: 18Jan24

Wet Calibration Check results are within \pm 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 #: ICS 7 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. 34921080A1 Cylinder No. 33 Expiration Date 2/15/24
Average AC: 0.0784 Std. Dev. 0.0012 Rel. Std. Dev. 1.57%

Remarks/Notes:

NIA

Instrument is acceptable to be used in the field.


Breath Analyst Signature

16 May 2023
Date


Reviewed by

18 May 2023
Date

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


CMI, Inc. Intoxilyzer Alcohol Analyzer
North Dakota Model 8000 SN 80-005939
Location = TOXL 8164.14.00 09/16
05/16/2023 13:33

WET CAL CHECK

Test	AC	Time
01 Room Air	0.000	13:34
02 Std. Sol.	0.021	13:35
03 Room Air	0.000	13:35
04 Std. Sol.	0.021	13:36
05 Room Air	0.000	13:37
06 Std. Sol.	0.021	13:37
07 Room Air	0.000	13:38

08 Sim Temp = 34.0°C

Simul Ser No = MP5318
Std Sol No = 202201A
County = 08 Oper No. = 133237



Operator Signature
ANNA NAREHOOD

Remarks: *LOW AC Check- 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 80-005939
Location = TOXL 8164.14.00 09/16
05/16/2023 13:44

WET CAL CHECK

Test	AC	Time
01 Room Air	0.000	13:45
02 Std. Sol.	0.299	13:46
03 Room Air	0.000	13:46
04 Std. Sol.	0.299	13:47
05 Room Air	0.000	13:48
06 Std. Sol.	0.298	13:48
07 Room Air	0.000	13:49

08 Sim Temp = 34.0°C

Simul Ser No = MP3067
Std Sol No = 202201F
County = 08 Oper No. = 133237



Operator Signature
ANNA NAREHOOD

Remarks: *High AC check - 0.300AE*

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 80-005939
Location = TOXL 8164.14.00 09/16
05/16/2023 13:32

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

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

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

Current Instrument Setup

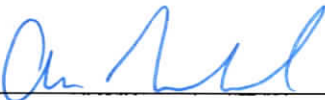
Data Entry Mode: Enabled
Start Test Sequence: DABACABA
Display Prelim Rslt? Yes
Display Third Digit? Yes
Inhib Printer(Y/N)? No
Display Volume? No
Disable On Memfull? Yes
of Print Copies? 1
Select Std (D/W/I)? Dry
Standard Value? 0.080
Standard Lot #? 34921080A1
Standard Cyl #? 33
Standard Expiration? 02/05/2024
Oper No? 133237

Flow Cal. Date: 06/18/2020
Slope 611
Intercept -592495

IR Calibration Date: 06/18/2020
 3um 9um

0th Coef(*100): -15726 -19510
1st Coef(*100): 296627 143165
2nd Coef(*100): -369 494
H2O adj(mg/l*10k): 220 240

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



Operator Signature
ANNA NAREHOOD

Remarks: Print Test

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

CMI, Inc. Intoxilyzer Alcohol Analyzer
North Dakota Model 8000 SN 80-005939
Location = TOXL 8164.14.00 09/16
05/16/2023 13:50

Test	AC	Time
01 Room Air	0.000	13:51
02 *Subject Test	INT*	13:51
03 Room Air	0.000	13:52

*Invalid Test
Interferent Detected

Sub Name = TEST, DONOR2 NONE
Sub DOB = 07/25/1998
Sub Sex = Male Weight = NA
Test = OTH Cit = INTERFERENT CK
Dr. Lic. = ND/TES989643
Lot No = 34921080A1
Cyl No = 33
Expiration Date = 02/05/2024
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 80-005939
Location = TOXL 8164.14.00 09/16
05/16/2023 13:52

Test	AC	Time
01 Diagnostic	OK	13:53
02 Room Air	0.000	13:53
03 *Subject Test	RFI*	13:53
04 Room Air	0.000	13:54

*Invalid Test
Inhibited - RFI

Sub Name = TEST, DONOR2 NONE
Sub DOB = 07/25/1998
Sub Sex = Male Weight = NA
Test = OTH Cit = RFI CHECK
Dr. Lic. = ND/TES989643
Lot No = 34921080A1
Cyl No = 33
Expiration Date = 02/05/2024
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 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 80-005939
Location = TOXL 8164.14.00 09/16
05/16/2023 13:09

Test	AC	Time
01 Room Air	0.000	13:09
02 Std. Gas	0.076	13:10
03 Room Air	0.000	13:10
04 Std. Gas	0.077	13:11
05 Room Air	0.000	13:11
06 Std. Gas	0.077	13:11
07 Room Air	0.000	13:12
08 Std. Gas	0.077	13:12
09 Room Air	0.000	13:13
10 Std. Gas	0.077	13:13
11 Room Air	0.000	13:14
12 Std. Gas	0.077	13:14
13 Room Air	0.000	13:15
14 Std. Gas	0.078	13:15
15 Room Air	0.000	13:15
16 Std. Gas	0.078	13:16
17 Room Air	0.000	13:16
18 Std. Gas	0.079	13:17
19 Room Air	0.000	13:17
20 Std. Gas	0.079	13:17
21 Room Air	0.000	13:18
22 Std. Gas	0.079	13:18
23 Room Air	0.000	13:19
24 Std. Gas	0.080	13:19
25 Room Air	0.000	13:20
26 Std. Gas	0.078	13:20
27 Room Air	0.000	13:21
28 Std. Gas	0.080	13:21
29 Room Air	0.000	13:21
30 Std. Gas	0.080	13:22
31 Room Air	0.000	13:22
32 Std. Gas	0.078	13:23
33 Room Air	0.000	13:23
34 Std. Gas	0.079	13:24
35 Room Air	0.000	13:24
36 Std. Gas	0.079	13:24
37 Room Air	0.000	13:25
38 Std. Gas	0.079	13:25
39 Room Air	0.000	13:26
40 Std. Gas	0.080	13:26
41 Room Air	0.000	13:27
42 Cal Check Stats:		
43 Average	0.0784	
44 Std Dev	0.0012	
45 Rel Std Dev	1.57%	



Operator Signature

ANNA NAREHOOD



Remarks:

Stability Test

Form 106-I8000