

INTOXILYZER® 8000 REPAIR AND MAINTENANCE

Intoxilyzer® 8000 Serial Number: 80-00496 Location: TDXL

1. Reported Issue:

Real Time Clock battery issue

2. Found/Determined:

real time clock battery needs replaced.

3. Repair/Maintenance Performed:

replaced RT clock battery

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: 542 psi Regulator: 500 psi

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.

An initial inspection also needs to be performed due to opening up instrument 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: MP6039 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: DR3841 Lot #: 1CS1 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 20)
Known: 0.080 AC Ethanol Gas Standard.
Lot No. 20021080A1 Cylinder No. 25 Expiration Date 10/5/23
Average AC: 0.0781 Std. Dev. 0.0006 Rel. Std. Dev. 0.83%

Remarks/Notes:

N/A

Instrument is acceptable to be used in the field.

Am Hill
Breath Analyst Signature

24Apr2023
Date

Janelle Pertscheller
Reviewed by

24^{APR} 25 Apr 2023
Date

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

CMI, Inc. Intoxilyzer Alcohol Analyzer
North Dakota Model 8000 SN 80-004196
Location = TOXL 8164.14.00 09/16
04/24/2023 15:38

WET CAL CHECK

Test	AC	Time
01 Room Air	0.000	15:39
02 Std. Sol.	0.018	15:40
03 Room Air	0.000	15:40
04 Std. Sol.	0.018	15:41
05 Room Air	0.000	15:42
06 Std. Sol.	0.019	15:42
07 Room Air	0.000	15:43

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 80-004196
Location = TOXL 8164.14.00 09/16
04/24/2023 15:44

WET CAL CHECK

Test	AC	Time
01 Room Air	0.000	15:44
02 Std. Sol.	0.292	15:45
03 Room Air	0.000	15:46
04 Std. Sol.	0.298	15:46
05 Room Air	0.000	15:47
06 Std. Sol.	0.300	15:48
07 Room Air	0.000	15:48

08 Sim Temp = 34.0°C

Simul Ser No = MP6039
Std Sol No = 202201F
County = 08 Oper No. = 133237



Operator Signature
ANNA NAREHOOD

Remarks: High Ac Check - 0.300Ac

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 80-004196
Location = TOXL 8164.14.00 09/16
04/24/2023 15:38

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

abcdefghijklmnopqrstuvwxyz1234567890- = |
ABCDEFGHIJKLMNPNOPQRSTUVWXYZ!@#%&^*()_+?

abcdefghijklmnopqrstuvwxyz1234567890- = |
ABCDEFGHIJKLMNPNOPQRSTUVWXYZ!@#%&^*()_+?

Current Instrument Setup

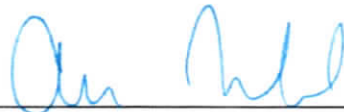
Data Entry Mode: Enabled
Start Test Sequence: DABACABA
Display Prelim Rslt? Yes
Display Third Digit? Yes
Inhib Printer(Y/N)? No
Display Volume? No
Disable On Memfull? Yes
of Print Copies? 1
Select Std (D/W/I)? Dry
Standard Value? 0.080
Standard Lot #? 26021080A1
Standard Cyl #? 25
Standard Expiration? 10/05/2023
Oper No? 133237

Flow Cal. Date: 04/15/2020
Slope 657
Intercept -683120

IR Calibration Date: 04/16/2020

	3um	9um
0th Coef(*100):	-35275	-26830
1st Coef(*100):	271852	134658
2nd Coef(*100):	1067	849
H2O adj(mg/l*10k):	413	302

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



Operator Signature
ANNA NAREHOOD

Remarks: *Print Test*

Form 106-I8000

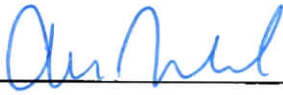
Intoxilyzer Test Record and Checklist
NDOAG Crime Lab. Div., Bismarck, ND 58501

CMI, Inc. Intoxilyzer Alcohol Analyzer
North Dakota Model 8000 SN 80-004196
Location = TOXL 8164.14.00 09/16
04/24/2023 15:50

Test	AC	Time
01 Room Air	0.000	15:51
02 *Subject Test	INT*	15:52
03 Room Air	0.000	15:52

*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 = 26021080A1
Cyl No = 25
Expiration Date = 10/05/2023
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 80-004196
Location = TOXL 8164.14.00 09/16
04/24/2023 16:00

Test	AC	Time
01 Diagnostic	OK	16:00
02 Room Air	0.000	16:01
03 *Subject Test	RFI*	16:01
04 Room Air	0.000	16:01

*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 = 26021080A1
Cyl No = 25
Expiration Date = 10/05/2023
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 80-004196
Location = TOXL 8164.14.00 09/16
04/24/2023 15:15

Test	AC	Time
01 Room Air	0.000	15:16
02 Std. Gas	0.077	15:16
03 Room Air	0.000	15:17
04 Std. Gas	0.078	15:17
05 Room Air	0.000	15:18
06 Std. Gas	0.077	15:18
07 Room Air	0.000	15:18
08 Std. Gas	0.078	15:19
09 Room Air	0.000	15:19
10 Std. Gas	0.077	15:20
11 Room Air	0.000	15:20
12 Std. Gas	0.078	15:21
13 Room Air	0.000	15:21
14 Std. Gas	0.078	15:21
15 Room Air	0.000	15:22
16 Std. Gas	0.078	15:22
17 Room Air	0.000	15:23
18 Std. Gas	0.079	15:23
19 Room Air	0.000	15:24
20 Std. Gas	0.078	15:24
21 Room Air	0.000	15:25
22 Std. Gas	0.078	15:25
23 Room Air	0.000	15:25
24 Std. Gas	0.078	15:26
25 Room Air	0.000	15:26
26 Std. Gas	0.079	15:27
27 Room Air	0.000	15:27
28 Std. Gas	0.078	15:27
29 Room Air	0.000	15:28
30 Std. Gas	0.078	15:28
31 Room Air	0.000	15:29
32 Std. Gas	0.078	15:29
33 Room Air	0.000	15:30
34 Std. Gas	0.078	15:30
35 Room Air	0.000	15:31
36 Std. Gas	0.079	15:31
37 Room Air	0.000	15:32
38 Std. Gas	0.079	15:32
39 Room Air	0.000	15:32
40 Std. Gas	0.079	15:33
41 Room Air	0.000	15:33
42 Cal Check Stats:		
43 Average	0.0781	
44 Std Dev	0.0006	
45 Rel Std Dev	0.83%	



Operator Signature
ANNA NAREHOOD

Remarks:

Form 106-I8000