

INTOXILYZER® 8000 REPAIR AND MAINTENANCE

Intoxilyzer® 8000 Serial Number: 80-004198 Location: TOXL

1. Reported Issue:
RT clock fail

2. Found/Determined:
RT clock battery needs replaced.

3. Repair/Maintenance Performed:
Replaced internal 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: 688 psi Regulator: 700 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.
initial inspection required due to
opening Intoxilyzer cover 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: MP8039 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 #: ICS7 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 AEN}
Known: 0.080 AC Ethanol Gas Standard.
Lot No. 26021080A1 Cylinder No. 25 Expiration Date 10/5/23

Average AC: 0.0793 Std. Dev. 0.006 Rel. Std. Dev. 0.730%

Remarks/Notes:

N/A

Instrument is acceptable to be used in the field.

[Signature]

Breath Analyst Signature

21 Apr 2023

Date

[Signature]

Reviewed by

21 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 80-004198
Location = TOXL 8164.14.00 09/16
04/21/2023 09:47

WET CAL CHECK

Test	AC	Time
01 Room Air	0.000	09:48
02 Std. Sol.	0.020	09:50
03 Room Air	0.000	09:51
04 Std. Sol.	0.020	09:52
05 Room Air	0.000	09:52
06 Std. Sol.	0.021	09:53
07 Room Air	0.000	09:53

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 80-004198
Location = TOXL 8164.14.00 09/16
04/21/2023 09:54

WET CAL CHECK

Test	AC	Time
01 Room Air	0.000	09:55
02 Std. Sol.	0.300	09:56
03 Room Air	0.000	09:56
04 Std. Sol.	0.305	09:57
05 Room Air	0.000	09:58
06 Std. Sol.	0.305	09:58
07 Room Air	0.000	09:59

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 80-004198
Location = TOXL 8164.14.00 09/16
04/21/2023 09:46

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

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

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

Current Instrument Setup

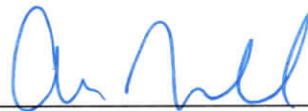
Data Entry Mode: Enabled
Start Test Sequence: DABACABA
Display Prelim Rslt? Yes
Display Third Digit? Yes
Inhib Printer(Y/N)? No
Display Volume? No
Disable On Memfull? Yes
of Print Copies? 1
Select Std (D/W/I)? Dry
Standard Value? 0.080
Standard Lot #? 26021080A1
Standard Cyl #? 25
Standard Expiration?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

Flow Cal. Date: 01/09/2012
Slope 637
Intercept -467208

IR Calibration Date: 05/18/2016
 3um 9um

0th Coef(*100): -19233 -23050
1st Coef(*100): 267031 132119
2nd Coef(*100): 2449 1142
H2O adj(mg/l*10k): 329 398

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



Operator Signature
ANNA NAREHOOD

Remarks: Print Test

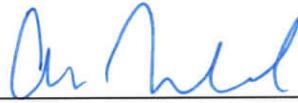
Intoxilyzer Test Record and Checklist
NDOAG Crime Lab. Div., Bismarck, ND 58501

CMI, Inc. Intoxilyzer Alcohol Analyzer
North Dakota Model 8000 SN 80-004198
Location = TOXL 8164.14.00 09/16
04/21/2023 10:01

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

*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 CK

Form 106-I8000

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

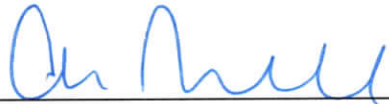
CMI, Inc. Intoxilyzer Alcohol Analyzer
North Dakota Model 8000 SN 80-004198
Location = TOXL 8164.14.00 09/16
04/21/2023 10:03

Test	AC	Time
01 Diagnostic	OK	10:04
02 Room Air	0.000	10:05
03 *Subject Test	RFI*	10:05
04 Room Air	0.000	10:05

*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 80-004198
Location = TOXL 8164.14.00 09/16
04/21/2023 09:28

Test	AC	Time
01 Room Air	0.000	09:28
02 Std. Gas	0.079	09:28
03 Room Air	0.000	09:29
04 Std. Gas	0.079	09:29
05 Room Air	0.000	09:30
06 Std. Gas	0.079	09:30
07 Room Air	0.000	09:31
08 Std. Gas	0.078	09:31
09 Room Air	0.000	09:32
10 Std. Gas	0.080	09:32
11 Room Air	0.000	09:32
12 Std. Gas	0.079	09:33
13 Room Air	0.000	09:33
14 Std. Gas	0.079	09:34
15 Room Air	0.000	09:34
16 Std. Gas	0.079	09:34
17 Room Air	0.000	09:35
18 Std. Gas	0.079	09:35
19 Room Air	0.000	09:36
20 Std. Gas	0.079	09:36
21 Room Air	0.000	09:37
22 Std. Gas	0.080	09:37
23 Room Air	0.000	09:37
24 Std. Gas	0.079	09:38
25 Room Air	0.000	09:38
26 Std. Gas	0.079	09:39
27 Room Air	0.000	09:39
28 Std. Gas	0.079	09:39
29 Room Air	0.000	09:40
30 Std. Gas	0.080	09:40
31 Room Air	0.000	09:41
32 Std. Gas	0.080	09:41
33 Room Air	0.000	09:42
34 Std. Gas	0.080	09:42
35 Room Air	0.000	09:43
36 Std. Gas	0.080	09:43
37 Room Air	0.000	09:43
38 Std. Gas	0.079	09:44
39 Room Air	0.000	09:44
40 Std. Gas	0.080	09:45
41 Room Air	0.000	09:45
42 Cal Check Stats:		
43 Average	0.0793	
44 Std Dev	0.0006	
45 Rel Std Dev	0.73%	



Operator Signature
ANNA NAREHOOD

Remarks:

Stability check

Form 106-I8000