

INTOXILYZER® 8000 REPAIR AND MAINTENANCE

Intoxilyzer® 8000 Serial Number: 80-005937 Location: TOXL

1. Reported Issue:

Quick connect for calibration gas broken. Port inlet broken.

2. Found/Determined:

Found quick connect for calibration gas inlet broken.

3. Repair/Maintenance Performed:

Replaced quick connect for calibration port in take.
Replaced external 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: 1036 psi Regulator: 1050 psi

~~NA~~ 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

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: MP6036 Lot #: 21340 Exp. Date: 8/24/23

High AC (Level 1, C): Known value \geq 0.25 AC. 0.300 AC
Sim SN: MP3068 Lot #: 202201F Exp. Date: 1/18/24

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: DR3047 Lot #: 1C56 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. 55 Expiration Date 2/5/24
Average AC: 0.0791 Std. Dev. 0.0006 Rel. Std. Dev. 0.81%

Remarks/Notes:

Instrument is acceptable to be used in the field.

Janelle Portscheller
Breath Analyst Signature

6/2/22
Date

[Signature]
Reviewed by

060322
Date

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

CMI, Inc. Intoxilyzer Alcohol Analyzer
North Dakota Model 8000 SN 80-005937
Location = TOXL 8164.14.00 09/16
06/02/2022 12:54

WET CAL CHECK

Test	AC	Time
01 Room Air	0.000	12:54
02 Std. Sol.	0.017	12:55
03 Room Air	0.000	12:56
04 Std. Sol.	0.019	12:56
05 Room Air	0.000	12:57
06 Std. Sol.	0.018	12:58
07 Room Air	0.000	12:58

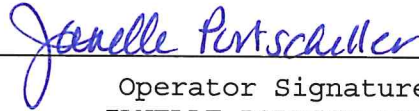
08 Sim Temp = 34.0°C

Simul Ser No = MP6036

Std Sol No = 21340

County = 08

Oper No. = 132128



Operator Signature
JANELLE PORTSCHELLER

Remarks: *Low AC Check 0.020*

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

CMI, Inc. Intoxilyzer Alcohol Analyzer
North Dakota Model 8000 SN 80-005937
Location = TOXL 8164.14.00 09/16
06/02/2022 12:59

WET CAL CHECK

Test	AC	Time
01 Room Air	0.000	13:00
02 Std. Sol.	0.299	13:01
03 Room Air	0.000	13:01
04 Std. Sol.	0.299	13:02
05 Room Air	0.000	13:02
06 Std. Sol.	0.300	13:03
07 Room Air	0.000	13:04


08 Sim Temp = 34.0°C

Simul Ser No = MP3068

Std Sol No = 202201F

County = 08

Oper No. = 132128


Operator Signature
JANELLE PORTSCHELLER

Remarks:

High AC check 0.300 *Jan 20 2022*

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

CMI, Inc. Intoxilyzer Alcohol Analyzer
North Dakota Model 8000 SN 80-005937
Location = TOXL 8164.14.00 09/16
06/02/2022 13:10

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

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

abcdefghijklmnopqrstuvwxyz1234567890-|=|
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 #? 34921080A1
Standard Cyl #? 55
Standard Expiration? 02/05/2024
Oper No? 132128

Flow Cal. Date: 11/17/2017
Slope 606
Intercept -534563

IR Calibration Date: 11/17/2017
 3um 9um

0th Coef(*100): -30534 -23772
1st Coef(*100): 294336 142357
2nd Coef(*100): -906 850
H2O adj(mg/l*10k): 205 250

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



Operator Signature
JANELLE PORTSCHELLER

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 80-005937
Location = TOXL 8164.14.00 09/16
06/02/2022 13:06

Test	AC	Time
01 Room Air	0.000	13:08
02 *Subject Test	INT*	13:08
03 Room Air	0.000	13:09

*Invalid Test
Interferent Detected

Sub Name = DISCOVER, THE SPIRIT
Sub DOB = 01/01/1982
Sub Sex = Female Weight = 150
Test = DUI Cit = INTERFERENT CHK
Dr. Lic. = ND/DIS821456
Lot No = 34921080A1
Cyl No = 55
Expiration Date = 02/05/2024
County = 08 Oper No. = 132128



Operator Signature
JANELLE PORTSCHELLER

Remarks: *Interferent check*

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

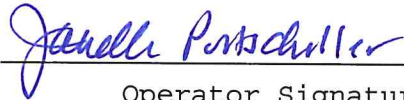
CMI, Inc. Intoxilyzer Alcohol Analyzer
North Dakota Model 8000 SN 80-005937
Location = TOXL 8164.14.00 09/16
06/02/2022 13:10

Test	AC	Time
01 Diagnostic	OK	13:11
02 Room Air	0.000	13:11
03 *Subject Test	RFI*	13:11
04 Room Air	0.000	13:12

*Invalid Test
Inhibited - RFI

Sub Name = DISCOVER, THE SPIRIT
Sub DOB = 01/01/1982
Sub Sex = Female Weight = 150
Test = DUI Cit = RFI CHK
Dr. Lic. = ND/DIS821456
Lot No = 34921080A1
Cyl No = 55
Expiration Date = 02/05/2024
County = 08 Oper No. = 132128

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



Operator Signature
JANELLE PORTSCHELLER

Remarks: *RFI check*

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

CMI, Inc. Intoxilyzer Alcohol Analyzer
North Dakota Model 8000 SN 80-005937
Location = TOXL 8164.14.00 09/16
06/02/2022 13:13

Test	AC	Time
01 Room Air	0.000	13:14
02 Std. Gas	0.078	13:14
03 Room Air	0.000	13:14
04 Std. Gas	0.078	13:15
05 Room Air	0.000	13:15
06 Std. Gas	0.079	13:16
07 Room Air	0.000	13:16
08 Std. Gas	0.080	13:17
09 Room Air	0.000	13:17
10 Std. Gas	0.079	13:17
11 Room Air	0.000	13:18
12 Std. Gas	0.080	13:18
13 Room Air	0.000	13:19
14 Std. Gas	0.079	13:19
15 Room Air	0.000	13:20
16 Std. Gas	0.080	13:20
17 Room Air	0.000	13:21
18 Std. Gas	0.080	13:21
19 Room Air	0.000	13:22
20 Std. Gas	0.079	13:22
21 Room Air	0.000	13:22
22 Std. Gas	0.079	13:23
23 Room Air	0.000	13:23
24 Std. Gas	0.079	13:24
25 Room Air	0.000	13:24
26 Std. Gas	0.079	13:25
27 Room Air	0.000	13:25
28 Std. Gas	0.079	13:25
29 Room Air	0.000	13:26
30 Std. Gas	0.079	13:26
31 Room Air	0.000	13:27
32 Cal Check Stats:		
33 Average	0.0791	
34 Std Dev	0.0006	
35 Rel Std Dev	0.81%	


Operator Signature
JANELLE PORTSCHELLER

Remarks: *Dry Calibration/Stability Test*