

INTOXILYZER® 8000 REPAIR AND MAINTENANCE

Intoxilyzer® 8000 Serial Number: 80-007097 Location: ToxL

1. Reported Issue:

Breath tube detached.

2. Found/Determined:

Breath tube was cracked at instrument end.

3. Repair/Maintenance Performed:

The breath tube was removed and replaced with a different breath tube.

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: 947 psi Regulator: 950 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.

Yes or No

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 \leq 0.03 AC. 0.020 AC
Sim SN: MP3060 Lot #: 202201A Exp. Date: 11/11/24
- High AC (Level 1, C): Known value \geq 0.25 AC. 0.300 AC
Sim SN: MP3064 Lot #: 20210⁰
202012A Exp. Date: 12/8/22
- 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: PNDR3847 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. 0262108A1 Cylinder No. 4 Expiration Date 3/5/2023
Average AC: 0.0801 Std. Dev. 0.0004 Rel. Std. Dev. 0.44%

Remarks/Notes:

Checked breath tube function w/ simulator (MP3064), simulator
sim. 0.300 AC (Lot # 202012A) in CMS mode. See attached printout.

Instrument is acceptable to be used in the field.

Janelli PerAschiller
Breath Analyst Signature

27 May 22
Date

[Signature]
Reviewed by

060622
Date

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

CMI, Inc. Intoxilyzer Alcohol Analyzer
North Dakota Model 8000 SN 80-007097
Location = TOXL 8164.16.00 09/18
05/27/2022 15:50

WET CAL CHECK

Test	AC	Time
01 Room Air	0.000	15:50
02 Std. Sol.	0.018	15:51
03 Room Air	0.000	15:52
04 Std. Sol.	0.019	15:52
05 Room Air	0.000	15:53
06 Std. Sol.	0.018	15:54
07 Room Air	0.000	15:54

08 Sim Temp = 34.0°C

Simul Ser No = MP3060
Std Sol No = 202201A
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 80-007097
Location = TOXL 8164.16.00 09/18
05/27/2022 15:55

WET CAL CHECK

Test	AC	Time
01 Room Air	0.000	15:55
02 Std. Sol.	0.297	15:56
03 Room Air	0.000	15:57
04 Std. Sol.	0.298	15:58
05 Room Air	0.000	15:58
06 Std. Sol.	0.296	15:59
07 Room Air	0.000	15:59

08 Sim Temp = 34.0°C

Simul Ser No = MP3064
Std Sol No = 202012A
County = 08 Oper No. = 132128



Operator Signature
JANELLE PORTSCHELLER

Remarks: High AC check 0.300

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

CMI, Inc. Intoxilyzer Alcohol Analyzer
North Dakota Model 8000 SN 80-007097
Location = TOXL 8164.16.00 09/18
05/27/2022 16:03

***** 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 #? 02621080A1
Standard Cyl #? 4
Standard Expiration? 03/05/2023
Oper No? 132128

Flow Cal. Date: 09/03/2020
Slope 660
Intercept -636264

IR Calibration Date: 09/03/2020
 3um 9um

0th Coef(*100): -36810 -25919
1st Coef(*100): 254044 139068
2nd Coef(*100): 1858 1258
H2O adj(mg/l*10k): 903 584

***** 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 80-007097
Location = TOXL 8164.16.00 09/18
05/27/2022 16:06

Test	AC	Time
01 Room Air	0.000	16:07
02 *Subject Test	INT*	16:08
03 Room Air	0.000	16:08

*Invalid Test
Interferent Detected

Sub Name = DISCOVER, THE SPIRIT
Sub DOB = 02/01/1992
Sub Sex = Female Weight = 150
Test = DUI Cit = INTERFERENT CK
Dr. Lic. = ND/DIS921456
Lot No = 02621080A1
Cyl No = 4
Expiration Date = 03/05/2023
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 80-007097
Location = TOXL 8164.16.00 09/18
05/27/2022 16:10

Test	AC	Time
01 Diagnostic	OK	16:11
02 Room Air	0.000	16:12
03 *Subject Test	RFI*	16:12
04 Room Air	0.000	16:12

*Invalid Test
Inhibited - RFI

Sub Name = DISCOVER, THE SPIRIT
Sub DOB = 02/01/1992
Sub Sex = Female Weight = 150
Test = DUI Cit = RFI CHK
Dr. Lic. = ND/DIS921456
Lot No = 02621080A1
Cyl No = 4
Expiration Date = 03/05/2023
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 80-007097
Location = TOXL 8164.16.00 09/18
05/27/2022 16:13

Test	AC	Time
01 Room Air	0.000	16:14
02 Std. Gas	0.080	16:14
03 Room Air	0.000	16:15
04 Std. Gas	0.081	16:15
05 Room Air	0.000	16:16
06 Std. Gas	0.080	16:16
07 Room Air	0.000	16:17
08 Std. Gas	0.080	16:17
09 Room Air	0.000	16:18
10 Std. Gas	0.081	16:18
11 Room Air	0.000	16:18
12 Std. Gas	0.080	16:19
13 Room Air	0.000	16:19
14 Std. Gas	0.080	16:20
15 Room Air	0.000	16:20
16 Std. Gas	0.080	16:21
17 Room Air	0.000	16:21
18 Std. Gas	0.080	16:21
19 Room Air	0.000	16:22
20 Std. Gas	0.080	16:22
21 Room Air	0.000	16:23
22 Std. Gas	0.080	16:23
23 Room Air	0.000	16:24
24 Std. Gas	0.080	16:24
25 Room Air	0.000	16:25
26 Std. Gas	0.080	16:25
27 Room Air	0.000	16:25
28 Std. Gas	0.080	16:26
29 Room Air	0.000	16:26
30 Std. Gas	0.080	16:27
31 Room Air	0.000	16:27
32 Cal Check Stats:		
33 Average	0.0801	
34 Std Dev	0.0004	
35 Rel Std Dev	0.44%	

Operator Signature
JANELLE PORTSCHELLER

Remarks:

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

CMI, Inc. Intoxilyzer Alcohol Analyzer
North Dakota Model 8000 SN 80-007097
Location = TOXL 8164.16.00 09/18
05/27/2022 16:34

Test	AC	Time
01 Diagnostic	OK	16:35
02 Room Air	0.000	16:36
03 Subject Test 1	0.292	16:36
04 Room Air	0.000	16:38
05 Std. Gas	0.081	16:40
06 Room Air	0.000	16:41
07 Subject Test 2	0.292	16:41
08 Room Air	0.000	16:42
09 Reported AC	0.292	16:36

Difference OK
No RFI Detected

Sub Name = DISCOVER, THE SPIRIT
Sub DOB = 02/01/1992
Sub Sex = Female Weight = 150
Test = DUI Cit = CMS SIM CK
Dr. Lic. = ND/DIS921456
Lot No = 02621080A1
Cyl No = 4
Expiration Date = 03/05/2023
County = 08 Oper No. = 132128

20 minute waiting period ascertained? Y
Clean Mouthpiece used and disposed? Y
Clean Mouthpiece used and disposed? Y

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



Operator Signature
JANELLE PORTSCHELLER

Remarks: *CMS Simulator check w/ 0.030 Ac*