

INTOXILYZER® 8000 REPAIR AND MAINTENANCE

Intoxilyzer® 8000 Serial Number: 80-006680 Location: TOXL

1. Reported Issue:

AFTER RESTARTING INSTRUMENT, SCREEN STALLED
ON "INTOXILYZER 8000, CH1 FNC." WILL NOT CONTINUE STARTUP

2. Found/Determined:

OPERATOR.DAT FILE UPLOADED BEFORE RESTART.
NO OPERATOR.DAT FILE UPON INSPECTION AT LAB.
ISSUE WITH OPERATOR.DAT FILE IN FIELD.

3. Repair/Maintenance Performed:

RESET OF INSTRUMENT ON 3/9/22. DIRECT
CONNECT UPLOAD OF OPERATOR.DAT FILE AT BREATH LAB.
MONITORED INSTRUMENT THROUGH 3/28/22 TO SEE
IF ANY MORE LOCK UPS OCCURRED. NO LOCKUPS.

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: 1000 psi Regulator: 1000 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.

ALL TESTING WILL BE PERFORMED DUE TO
RETURNING FRCG FROM FIELD.

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. 0.030 AC
Sim SN: MP3059 Lot #: 2022018 Exp. Date: 1/11/24

High AC (Level 1, C): Known value \geq 0.25 AC. 0.400 AC
Sim SN: ~~202103E~~ MP5320 Lot #: 202103E Exp. Date: 3.24.23

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: DR3847 Lot #: ICSG 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. 02621080A1 Cylinder No. 4 Expiration Date 3.5.23

Average AC: 0.0815 Std. Dev. 0.0005 Rel. Std. Dev. 0.64%

Remarks/Notes:

PERFORMED FORMS LOAN OF OPERATOR.PAT FILE.

Instrument is acceptable to be used in the field.

Charles Ed
Breath Analyst Signature

3/28/22
Date

NA
Reviewed by

NA
Date

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

CMI, Inc. Intoxilyzer Alcohol Analyzer
North Dakota Model 8000 SN 80-006680
Location = TOXL 8164.14.00 09/16
03/28/2022 09:32

WET CAL CHECK

| Test | AC | Time |
|--------------|-------|-------|
| 01 Room Air | 0.000 | 09:32 |
| 02 Std. Sol. | 0.030 | 09:33 |
| 03 Room Air | 0.000 | 09:34 |
| 04 Std. Sol. | 0.030 | 09:35 |
| 05 Room Air | 0.000 | 09:35 |
| 06 Std. Sol. | 0.030 | 09:36 |
| 07 Room Air | 0.000 | 09:36 |

08 Sim Temp = 34.0°C

Simul Ser No = MP3059

Std Sol No = 202201B

County = 08

Oper No. = 666666



Operator Signature

CHARLES EDER

Remarks:

0.030 AC
LOW AC

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 80-006680
Location = TOXL 8164.14.00 09/16
03/28/2022 09:39

WET CAL CHECK

| Test | AC | Time |
|--------------|-------|-------|
| 01 Room Air | 0.000 | 09:40 |
| 02 Std. Sol. | 0.402 | 09:41 |
| 03 Room Air | 0.000 | 09:41 |
| 04 Std. Sol. | 0.404 | 09:42 |
| 05 Room Air | 0.000 | 09:42 |
| 06 Std. Sol. | 0.403 | 09:43 |
| 07 Room Air | 0.000 | 09:44 |

08 Sim Temp = 34.0°C

Simul Ser No = MP5320

Std Sol No = 202103E

County = 08

Oper No. = 666666



Operator Signature

CHARLES EDER

Remarks:

HIGH AC
0.400 AC

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 80-006680
Location = TOXL 8164.14.00 09/16
03/28/2022 09:45

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

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

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

Current Instrument Setup

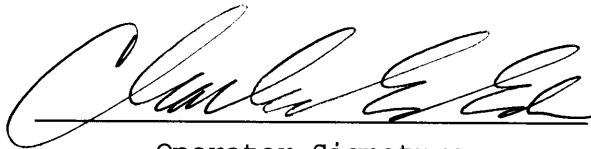
Data Entry Mode: Enabled
Start Test Sequence: DABACABA
Display Prelim Rslt? Yes
Display Third Digit? Yes
Inhib Printer(Y/N)? No
Display Volume? No
Disable On Memfull? Yes
of Print Copies? 1
Select Std (D/W/I)? Dry
Standard Value? 0.080
Standard Lot #? 02621080A1
Standard Cyl #? 4
Standard Expiration? 03/05/2023
Oper No? 666666

Flow Cal. Date: 07/20/2020
Slope 659
Intercept -627239

IR Calibration Date: 07/20/2020
 3um 9um

0th Coef(*100): -19714 -24116
1st Coef(*100): 276675 136189
2nd Coef(*100): 822 883
H2O adj(mg/l*10k): 491 529

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



Operator Signature
CHARLES EDER

Remarks:

PRINT TEST

Form 106-I8000

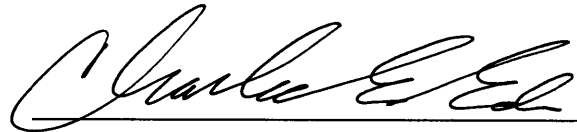
Intoxilyzer Test Record and Checklist
NDOAG Crime Lab. Div., Bismarck, ND 58501

CMI, Inc. Intoxilyzer Alcohol Analyzer
North Dakota Model 8000 SN 80-006680
Location = TOXL 8164.14.00 09/16
03/28/2022 09:46

| Test | AC | Time |
|------------------|-------|-------|
| 01 Room Air | 0.000 | 09:47 |
| 02 *Subject Test | INT* | 09:47 |
| 03 Room Air | 0.000 | 09:48 |

*Invalid Test
Interferent Detected

Sub Name = TEST, DONOR2 NONE
Sub DOB = 07/25/1998
Sub Sex = Male Weight = NA
Test = DUI Cit = INTERFERENT
Dr. Lic. = ND/TES989643
Lot No = 02621080A1
Cyl No = 4
Expiration Date = 03/05/2023
County = 08 Oper No. = 666666



Operator Signature
CHARLES EDER

Remarks: ~~RFI CHECK~~ CEE
0.10AC + 0.05% ACETONE

Form 106-I8000

INTERFERENT CHECK

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

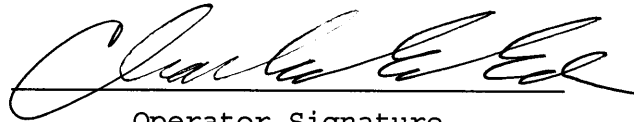
CMI, Inc. Intoxilyzer Alcohol Analyzer
North Dakota Model 8000 SN 80-006680
Location = TOXL 8164.14.00 09/16
03/28/2022 09:48

| Test | AC | Time |
|------------------|-------|-------|
| 01 Diagnostic | OK | 09:49 |
| 02 Room Air | 0.000 | 09:49 |
| 03 *Subject Test | RFI* | 09:49 |
| 04 Room Air | 0.000 | 09:50 |

*Invalid Test
Inhibited - RFI

Sub Name = TEST, DONOR2 NONE
Sub DOB = 07/25/1998
Sub Sex = Male Weight = NA
Test = DUI Cit = RFI CHECK
Dr. Lic. = ND/TES989643
Lot No = 02621080A1
Cyl No = 4
Expiration Date = 03/05/2023
County = 08 Oper No. = 666666

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



Operator Signature
CHARLES EDER

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 80-006680
Location = TOXL 8164.14.00 09/16
03/28/2022 09:51

| Test | AC | Time |
|---------------------|--------|-------|
| 01 Room Air | 0.000 | 09:51 |
| 02 Std. Gas | 0.082 | 09:52 |
| 03 Room Air | 0.000 | 09:52 |
| 04 Std. Gas | 0.081 | 09:52 |
| 05 Room Air | 0.000 | 09:53 |
| 06 Std. Gas | 0.082 | 09:53 |
| 07 Room Air | 0.000 | 09:54 |
| 08 Std. Gas | 0.081 | 09:54 |
| 09 Room Air | 0.000 | 09:55 |
| 10 Std. Gas | 0.081 | 09:55 |
| 11 Room Air | 0.000 | 09:56 |
| 12 Std. Gas | 0.082 | 09:56 |
| 13 Room Air | 0.000 | 09:56 |
| 14 Std. Gas | 0.081 | 09:57 |
| 15 Room Air | 0.000 | 09:57 |
| 16 Std. Gas | 0.082 | 09:58 |
| 17 Room Air | 0.000 | 09:58 |
| 18 Std. Gas | 0.081 | 09:58 |
| 19 Room Air | 0.000 | 09:59 |
| 20 Std. Gas | 0.081 | 09:59 |
| 21 Room Air | 0.000 | 10:00 |
| 22 Std. Gas | 0.081 | 10:00 |
| 23 Room Air | 0.000 | 10:01 |
| 24 Std. Gas | 0.082 | 10:01 |
| 25 Room Air | 0.000 | 10:02 |
| 26 Std. Gas | 0.082 | 10:02 |
| 27 Room Air | 0.000 | 10:02 |
| 28 Std. Gas | 0.082 | 10:03 |
| 29 Room Air | 0.000 | 10:03 |
| 30 Std. Gas | 0.082 | 10:04 |
| 31 Room Air | 0.000 | 10:04 |
| 32 Cal Check Stats: | | |
| 33 Average | 0.0815 | |
| 34 Std Dev | 0.0005 | |
| 35 Rel Std Dev | 0.64% | |



Operator Signature
CHARLES EDER

Remarks:

CALIBRATION CHECK/STABILITY TEST
0.080 AC