

INTOXILYZER® 8000 REPAIR AND MAINTENANCE

Intoxilyzer® 8000 Serial Number: 80-005957 Location: MAND/TOXL

1. Reported Issue:
- RAM ERROR DISPLAYED ON SCREEN
- WON'T COME OUT OF STANDBY MODE

2. Found/Determined:
RAM ERROR DUE TO INCOMPLETE OPERATOR.DAT FILE
UPLOAD TO INSTRUMENT IN FIELD.

3. Repair/Maintenance Performed:
FULL RESET OF INSTRUMENT, OPERATOR.DAT FILE
UPLOAD PERFORMED, PASSES RAM TEST.
ENTERS READY MODE.

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) NA
Display: _____ psi Regulator: _____ 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.

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. _____ AC
Sim SN: _____ Lot #: _____ Exp. Date: _____

High AC (Level 1, C): Known value \geq 0.25 AC. _____ AC
Sim SN: _____ Lot #: _____ Exp. Date: _____

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. _____ AC ethanol plus 0.05% Acetone. (Level 1, B)
Sim SN: _____ Lot #: _____ 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: _____ AC Ethanol Gas Standard.
Lot No. _____ Cylinder No. _____ Expiration Date _____

Average AC: _____ Std. Dev. _____ Rel. Std. Dev. _____

Remarks/Notes:

PERFORMED PRINT TEST AND SUBJECT TEST
TO DEMONSTRATE INSTRUMENT OPERATION.

Instrument is acceptable to be used in the field.

Chad E. Ed
Breath Analyst Signature

2/16/2022
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 80-005957
 Location = MAND 8164.14.00 09/16
 02/15/2022 17:24

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

12 char/line
 abcdefghijkl
 ABCDEFGHIJKL

16 char per line
 abcdefghijklmnop
 ABCDEFGHIJKLMNOP

21 chars per line
 abcdefghijklmnopqrstu
 ABCDEFGHIJKLMNOPQRSTU

24 characters per line
 abcdefghijklmnopqrstuvw
 ABCDEFGHIJKLMNOPQRSTUWX

32 characters per line
 abcdefghijklmnopqrstuvwxy123456
 ABCDEFGHIJKLMNOPQRSTUWXYZ123456

42 characters per line
 abcdefghijklmnopqrstuvwxy1234567890abcdef
 ABCDEFGHIJKLMNOPQRSTUWXYZ1234567890ABCDEF

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 MenFull? Yes
 # of Print Copies? 1
 Select Std (D/W/I)? Dry
 Standard Value? 0.080
 Standard Lot #? 05620080A1
 Standard Cyl #? 39
 Standard Expiration? 04/05/2022
 Oper No? 666666

Flow Cal. Date: 06/21/2013
 Slope 647
 Intercept -613317

IR Calibration Date: 05/11/2015
 3um 9um

0th Coef(*100):	-16666	-18045
1st Coef(*100):	278478	132949
2nd Coef(*100):	3303	1397
H2O adj(mg/l*10K):	379	351

***** Test End *****



Operator Signature
 CHARLES EDER

Remarks:

PRINT TEST

Form 106-18000

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

CMI, Inc. Intoxilyzer Alcohol Analyzer
 North Dakota Model 8000 SN 80-005957
 Location = MAND 8164.14.00 09/16
 02/16/2022 07:15

Test	AC	Time
01 Diagnostic	OK	07:16
02 Room Air	0.000	07:17
03 Subject Test 1	0.000	07:17
04 Room Air	0.000	07:19
05 Std. Gas	0.080	07:20
06 Room Air	0.000	07:22
07 Subject Test 2	0.000	07:22
08 Room Air	0.000	07:25
09 Reported AC	0.000	07:17

Difference OK
 No RFI Detected

Sub Name = DISCOVER, THE SPIRIT
 Sub DOB = 02/01/1992
 Sub Sex = Female Weight = 150
 Test = DU1 Cit = NA
 Dr. Lic. = ND/D15921456
 Lot No = 05620080A1
 Cyl No = 39
 Expiration Date = 04/05/2022
 County = 08 Oper No. = 666666

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
 CHARLES EDER

Remarks:

SUBJECT TEST

Form 106-18000