

INTOXILYZER® 8000 REPAIR AND MAINTENANCE

Intoxilyzer® 8000 Serial Number: 80-006501 Location: TOXL

1. Reported Issue:
* CAL CHECK OUT OF TOLERANCE MESSAGE.
SUPPLIED PRINTOUT STATES 0.081*.

2. Found/Determined:
STANDARD VALUE ENTERED IN FOR STANDARD
CONFIGURATION IS 0.100 AC. SHOULD BE 0.080 AC.
WRONG AC VALUE ENTERED INTO INSTRUMENT.

3. Repair/Maintenance Performed:
UPDATE STANDARD VALUE TO 0.080 AC.
RUN ACA CHECK TO VERIFY FUNCTION OF
GAS STANDARD.

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: 570 psi Regulator: 600 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.

ONLY GAS STANDARD NEEDS TO BE TESTED, BUT
WILL PERFORM ALL TESTS.

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: MP5321 Lot #: 201810D Exp. Date: 10.24.20

High AC (Level 1, C): Known value \geq 0.25 AC. 0.300 AC
Sim SN: MP3002 Lot #: 19010 Exp. Date: 1.3.21

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: DR3451 Lot #: ICS 6 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. 24119080 A1 Cylinder No. 6 Expiration Date 11.5.21

Average AC: 0.0803 Std. Dev. 0.0005 Rel. Std. Dev. 0.58%

Remarks/Notes:

RAN CMS TEST TO DEMONSTRATE KNOWN
0.08AC STANDARD IS READING CORRECTLY DURING AN
EVIDENTIAL BREATH TEST.

Instrument is acceptable to be used in the field.


Breath Analyst Signature

16 Oct. 20
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 80-006501
Location = ROLL 8164.14.00 09/16
09/10/2020 10:19

Test	AC	Time
01 Diagnostic	OK	10:21
02 Room Air	0.000	10:21
03 Subject Test 1	0.000	10:21
04 Room Air	0.000	10:23
05 Std. Gas	0.081*	10:25
06 Room Air	0.000	10:25

*Cal Check Out of Tolerance

Sub Name = BREITBACH, ALEX LYN
Sub DOB = 07/10/1992
Sub Sex = Male Weight = 205
Test = DUI Cit = 12345
Dr. Lic. = ND/BRE929732
Lot No = 34418080A2
Cyl No = 003
Expiration Date = 02/05/2021
County = 40 Oper No. = 131679

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



Operator Signature
ALEX BREITBACH

Remarks:

Form 106-I8000

CEE 16 Oct. 20
TEST RECORD SUPPLIED
WITH INSTRUMENT WHEN RETURNED.

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

CMI, Inc. Intoxilyzer Alcohol Analyzer
North Dakota Model 8000 SN 80-006501
Location = TOXL 8164.14.00 09/16
10/16/2020 11:06

WET CAL CHECK

Test	AC	Time
01 Room Air	0.000	11:07
02 Std. Sol.	0.020	11:08
03 Room Air	0.000	11:08
04 Std. Sol.	0.020	11:09
05 Room Air	0.000	11:09
06 Std. Sol.	0.020	11:10
07 Room Air	0.000	11:11

08 Sim Temp = 34.0°C

Simul Ser No = MP5321
Std Sol No = 201810D
County = 08 Oper No. = 666666



Operator Signature
CHARLES EDER

Remarks:

Low AC
0.020 AC

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

CMI, Inc. Intoxilyzer Alcohol Analyzer
North Dakota Model 8000 SN 80-006501
Location = TOXL 8164.14.00 09/16
10/16/2020 11:12

WET CAL CHECK

Test	AC	Time
01 Room Air	0.000	11:13
02 Std. Sol.	0.298	11:13
03 Room Air	0.000	11:14
04 Std. Sol.	0.297	11:15
05 Room Air	0.000	11:15
06 Std. Sol.	0.298	11:16
07 Room Air	0.000	11:17

08 Sim Temp = 34.0°C

Simul Ser No = MP3002

Std Sol No = 19010

County = 08

Oper No. = 666666



Operator Signature

CHARLES EDER

Remarks:

HIGH AC
0.300 AC

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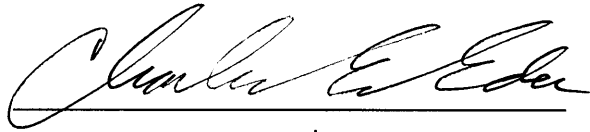
Intoxilyzer Test Record and Checklist
NDOAG Crime Lab. Div., Bismarck, ND 58501

CMI, Inc. Intoxilyzer Alcohol Analyzer
North Dakota Model 8000 SN 80-006501
Location = TOXL 8164.14.00 09/16
10/16/2020 12:03

Test	AC	Time
01 Room Air	0.000	12:04
02 *Subject Test	INT*	12:04
03 Room Air	0.000	12:05

*Invalid Test
Interferent Detected

Sub Name = DISCOVER, THE SPIRIT
Sub DOB = 02/01/1992
Sub Sex = Female Weight = 150
Test = DUI Cit = INTERFERENT
Dr. Lic. = ND/DIS921456
Lot No = 24119080A1
Cyl No = 6
Expiration Date = 11/05/2021
County = 08 Oper No. = 666666



Operator Signature
CHARLES EDER

Remarks:

Interferent Check
0.10AC + 0.05% ACETONE

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

CMI, Inc. Intoxilyzer Alcohol Analyzer
North Dakota Model 8000 SN 80-006501
Location = TOXL 8164.14.00 09/16
10/16/2020 12:06

Test	AC	Time
01 Diagnostic	OK	12:07
02 Room Air	0.000	12:08
03 *Subject Test	RFI*	12:08
04 Room Air	0.000	12:08

*Invalid Test
Inhibited - RFI

Sub Name = DISCOVER, THE SPIRIT
Sub DOB = 02/01/1992
Sub Sex = Female Weight = 150
Test = DUI Cit = RFI CHECK
Dr. Lic. = ND/DIS921456
Lot No = 24119080A1
Cyl No = 6
Expiration Date = 11/05/2021
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

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

CMI, Inc. Intoxilyzer Alcohol Analyzer
North Dakota Model 8000 SN 80-006501
Location = TOXL 8164.14.00 09/16
10/16/2020 12:10

Test	AC	Time
01 Room Air	0.000	12:10
02 Std. Gas	0.080	12:10
03 Room Air	0.000	12:11
04 Std. Gas	0.080	12:11
05 Room Air	0.000	12:12
06 Std. Gas	0.081	12:12
07 Room Air	0.000	12:13
08 Std. Gas	0.081	12:13
09 Room Air	0.000	12:14
10 Std. Gas	0.081	12:14
11 Room Air	0.000	12:15
12 Std. Gas	0.080	12:15
13 Room Air	0.000	12:16
14 Std. Gas	0.080	12:16
15 Room Air	0.000	12:17
16 Std. Gas	0.080	12:17
17 Room Air	0.000	12:17
18 Std. Gas	0.080	12:18
19 Room Air	0.000	12:18
20 Std. Gas	0.080	12:19
21 Room Air	0.000	12:19
22 Std. Gas	0.080	12:20
23 Room Air	0.000	12:20
24 Std. Gas	0.081	12:20
25 Room Air	0.000	12:21
26 Std. Gas	0.080	12:21
27 Room Air	0.000	12:22
28 Std. Gas	0.080	12:22
29 Room Air	0.000	12:23
30 Std. Gas	0.080	12:23
31 Room Air	0.000	12:24
32 Cal Check Stats:		
33 Average	0.0803	
34 Std Dev	0.0005	
35 Rel Std Dev	0.58%	



Operator Signature
CHARLES EDER

Remarks: 0.080 Ac
CALIBRATION CHECK/STABILITY 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 80-006501
Location = TOXL 8164.14.00 09/16
10/16/2020 12:25

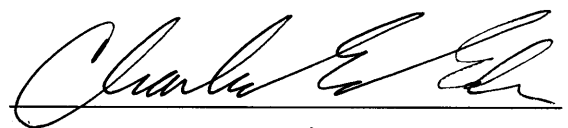
Test	AC	Time
01 Diagnostic	OK	12:26
02 Room Air	0.000	12:27
03 Subject Test 1	0.155	12:27
04 Room Air	0.000	12:30
05 Std. Gas	0.080	12:31
06 Room Air	0.000	12:32
07 Subject Test 2	0.154	12:33
08 Room Air	0.000	12:34
09 Reported AC	0.154	12:33

Difference OK
No RFI Detected

Sub Name = DISCOVER, THE SPIRIT
Sub DOB = 02/01/1992
Sub Sex = Female Weight = 150
Test = DUI Cit = CMS TEST
Dr. Lic. = ND/DIS921456
Lot No = 24119080A1
Cyl No = 6
Expiration Date = 11/05/2021
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:

CMS TEST

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