

INTOXILYZER® 8000 REPAIR AND MAINTENANCE

Intoxilyzer® 8000 Serial Number: 80-005362 Location: TOXL

1. Reported Issue:  
TIME IS CORRECT. DATE IS OFF.

2. Found/Determined:  
DATE IS OFF, 4/4/20 ON 5/19/21, UPON STARTING  
UP INSTRUMENT AFTER BEING TURNED OFF.  
REAL TIME CLOCK BATTERY NEEDS REPLACEMENT.  
EXTERNAL BATTERY BAD.

3. Repair/Maintenance Performed:  
REPLACED REAL TIME CLOCK BATTERY.  
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: 222 psi Regulator: 225 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.

NOTE: AN INITIAL INSPECTION WILL ALSO  
BE PERFORMED DUE TO OPENING UP  
INSTRUMENT FOR RTCLOCK REPLACEMENT.  
BATTERY

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: MP5289 Lot #: 201911E Exp. Date: 11.19.21

High AC (Level 1, C): Known value  $\geq$  0.25 AC. 0.400 AC  
Sim SN: MP3062 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: DR5114 Lot #: ICS6  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. 24119080A1 Cylinder No. 31 Expiration Date 11/5/21

Average AC: 0.0787 Std. Dev. 0.0005 Rel. Std. Dev. 0.63%

Remarks/Notes:

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Instrument is acceptable to be used in the field.

Charles E. Ed  
Breath Analyst Signature

5/19/2021  
Date

Kari L. Hieb  
Reviewed by

5/21/21  
Date

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

CMI, Inc. Intoxilyzer      Alcohol Analyzer  
North Dakota Model 8000      SN 80-005362  
Location = TOXL      8164.14.00 09/16  
05/19/2021      15:50

WET CAL CHECK

Test	AC	Time
01 Room Air	0.000	15:50
02 Std. Sol.	0.028	15:51
03 Room Air	0.000	15:52
04 Std. Sol.	0.029	15:53
05 Room Air	0.000	15:53
06 Std. Sol.	0.030	15:54
07 Room Air	0.000	15:54

08 Sim Temp = 34.0°C

Simul Ser No = MP5289  
Std Sol No = 201911E  
County = 08      Oper No. = 666666



Operator Signature  
CHARLES EDER

Remarks:

*Low AC*  
*0.030 AC*

Form 106-I8000

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

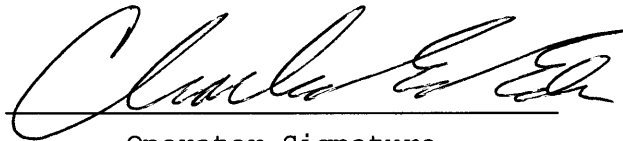
CMI, Inc. Intoxilyzer      Alcohol Analyzer  
North Dakota Model 8000      SN 80-005362  
Location = TOXL      8164.14.00 09/16  
05/19/2021      15:56

WET CAL CHECK

Test	AC	Time
01 Room Air	0.000	15:56
02 Std. Sol.	0.392	15:57
03 Room Air	0.000	15:58
04 Std. Sol.	0.394	15:59
05 Room Air	0.000	15:59
06 Std. Sol.	0.392	16:00
07 Room Air	0.000	16:00

08 Sim Temp = 34.0°C

Simul Ser No = MP3062  
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 80-005362  
Location = TOXL                    8164.14.00 09/16  
05/19/2021                            16:03

\*\*\*\*\* Printer Test \*\*\*\*\*

abcdefghijklmnopqrstuvwxy1234567890-|=|  
ABCDEFGHIJKLMNPOQRSTUVWXYZ!@#%^&\*()\_+?

abcdefghijklmnopqrstuvwxy1234567890-|=|  
ABCDEFGHIJKLMNPOQRSTUVWXYZ!@#%^&\*()\_+?

Current Instrument Setup

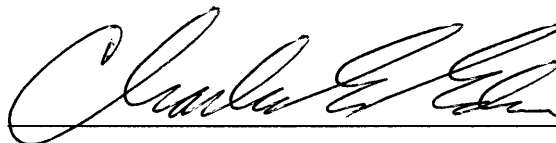
Data Entry Mode:            Enabled  
Start Test Sequence:        DABACABA  
Display Prelim Rslt?        Yes  
Display Third Digit?        Yes  
Inhib Printer(Y/N)?        No  
Display Volume?            No  
Disable On Memfull?        Yes  
# of Print Copies?          1  
Select Std (D/W/I)?        Dry  
Standard Value?            0.080  
Standard Lot #?            24119080A1  
Standard Cyl #?            31  
Standard Expiration?       11/05/2021  
Oper No?                    666666

Flow Cal. Date:            05/22/2020  
Slope                        659  
Intercept                   -620990

IR Calibration Date:       05/26/2020

	3um	9um
0th Coef (*100):	-20883	-25370
1st Coef (*100):	265508	144960
2nd Coef (*100):	936	714
H2O adj (mg/l*10k):	391	379

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



Operator Signature  
CHARLES EDER

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 80-005362  
Location = TOXL                    8164.14.00 09/16  
05/19/2021                            16:04

Test	AC	Time
01 Room Air	0.000	16:04
02 *Subject Test	INT*	16:05
03 Room Air	0.000	16:05

\*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 = 31  
Expiration Date = 11/05/2021  
County = 08                            Oper No. = 666666



Operator Signature  
CHARLES EDER

Remarks: *Interferant Check*  
*0.10Ac + 0.05% ACETONE*

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 80-005362  
Location = TOXL                    8164.14.00 09/16  
05/19/2021                            16:06

Test	AC	Time
01 Diagnostic	OK	16:07
02 Room Air	0.000	16:08
03 *Subject Test	RFI*	16:08
04 Room Air	0.000	16:08

\*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 = 31  
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

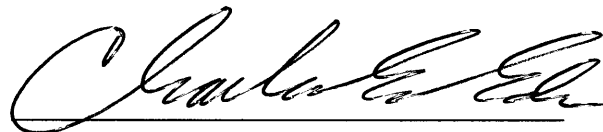
Remarks: *RFI CHECK*

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 80-005362  
Location = TOXL      8164.14.00 09/16  
05/19/2021      16:10

Test	AC	Time
01 Room Air	0.000	16:10
02 Std. Gas	0.079	16:10
03 Room Air	0.000	16:11
04 Std. Gas	0.078	16:11
05 Room Air	0.000	16:12
06 Std. Gas	0.078	16:12
07 Room Air	0.000	16:13
08 Std. Gas	0.079	16:13
09 Room Air	0.000	16:14
10 Std. Gas	0.079	16:14
11 Room Air	0.000	16:15
12 Std. Gas	0.079	16:15
13 Room Air	0.000	16:15
14 Std. Gas	0.079	16:16
15 Room Air	0.000	16:16
16 Std. Gas	0.078	16:17
17 Room Air	0.000	16:17
18 Std. Gas	0.078	16:17
19 Room Air	0.000	16:18
20 Std. Gas	0.078	16:18
21 Room Air	0.000	16:19
22 Std. Gas	0.079	16:19
23 Room Air	0.000	16:20
24 Std. Gas	0.079	16:20
25 Room Air	0.000	16:21
26 Std. Gas	0.079	16:21
27 Room Air	0.000	16:22
28 Std. Gas	0.079	16:22
29 Room Air	0.000	16:22
30 Std. Gas	0.079	16:23
31 Room Air	0.000	16:23
32 Cal Check Stats:		
33 Average	0.0787	
34 Std Dev	0.0005	
35 Rel Std Dev	0.63%	



Operator Signature  
CHARLES EDER

0.080 AC

Remarks: CALIBRATION CHECK/  
STABILITY TEST

Form 106-I8000