

**BREATH ALCOHOL EQUIPMENT  
REPAIR AND MAINTENANCE**

Instrument: 0000 Serial Number: 80-006685 Location: TOXL

1. Instrument repairs/maintenance performed:

Instrument was returned from field use after ~~emptying~~ <sup>emptying</sup> a gas cylinder. Completed tare of tank monitor 3 Jan 19. From 3 Jan 19 to 9 Jan 19 gas cylinder lost ~50 psi. Replaced gas regulator. Ran Calibration Check tests after replacement to show new regulator is working.

2. Does the instrument require further testing?  
If Yes, continue.  
If No, sign and date below.

Yes or No

3. If needed, set the time, date, and location.

RJN

4. Does the flow need to be calibrated?  
If Yes, attach paperwork.

Yes or  No

5. Does the optical bench need to be calibrated?  
If Yes, attach test records.

Yes or  No

6. Does the gas regulator need to be calibrated?

Yes or No

PSI gauge reading <sup>475</sup> 174 ~~RJN~~ 9 Jan 19 PSI display reading <sup>460</sup> 210 ~~RJN~~ 9 Jan 19

Set instrument to Wet Bath and run tests:

7. Low AC. Use < 0.03 AC in ACA mode. Attach test record.

RJN

Sim SN: MP3069 Lot #: 2017B B AC: 0.020 AC

8. Linearity Test. Use ≥ 0.25 AC in ACA mode. Attach test record.

RJN

Sim SN: MP3062 Lot #: 201803H AC: 0.300 AC

Set instrument to Gas and run tests:

9. Print test. Attach test record. ✓ RBN

10. Interferent Check. Use a 0.10 AC ethanol plus 0.05% acetone in ABA mode. Attach test record. ✓ RBN

Sim SN: DR7089 Lot #: 1CS5 AC: 0.10 AC + 0.05% Acetone

11. RFI Check. Run in CMS mode. Key radio during any room air or subject test. Attach test record. ✓ RBN

12. Calibration Check. Use a valid 0.080 AC Ethanol Gas Standard. Run three calibration sets in ACA mode. Attach test records. ✓ RBN

Lot No. 34917080AB Cylinder No. 28 Expiration Date 5 Feb 20

Test 1 0.082

Test 1 0.082

Test 1 0.082

Test 2 0.082

Test 2 0.082

Test 2 0.082

Test 3 0.083

Test 3 0.083

Test 3 0.082

Average 0.082

Roberta Munguironis  
Field Inspector's Signature

Charles E. Ed  
Reviewed by

9 Jan 19  
Date

09 JAN 19  
Date

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

CMI, Inc. Intoxilyzer      Alcohol Analyzer  
North Dakota Model 8000      SN 80-006685  
Location = TOXL      8164.14.00 09/16  
01/09/2019      15:11

WET CAL CHECK

Test	AC	Time
01 Room Air	0.000	15:11
02 Std. Sol.	0.018	15:12
03 Room Air	0.000	15:13
04 Std. Sol.	0.019	15:14
05 Room Air	0.000	15:14
06 Std. Sol.	0.019	15:15
07 Room Air	0.000	15:16

08 Sim Temp = 34.0°C

Simul Ser No = MP3069

Std Sol No = 201712B

County = 08

Oper No. = 888888

Roberta Grieger-Nimmo  
Operator Signature  
ROBERTA GRIEGER-NIMMO

Remarks: 0.020 AC  
Low AC

Exp 12 Dec 19  
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 80-006685  
Location = TOXL      8164.14.00 09/16  
01/09/2019      15:17

WET CAL CHECK

Test	AC	Time
01 Room Air	0.000	15:17
02 Std. Sol.	0.295	15:18
03 Room Air	0.000	15:19
04 Std. Sol.	0.294	15:20
05 Room Air	0.000	15:20
06 Std. Sol.	0.295	15:21
07 Room Air	0.000	15:22

08 Sim Temp = 34.0°C

Simul Ser No = MP3062

Std Sol No = 201803H

County = 08

Oper No. = 888888

Roberta Grieger-Nimmo

Operator Signature  
ROBERTA GRIEGER-NIMMO

Remarks: Linearity Test

0.300 AC

Exp. 22 Mar 20

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 80-006685  
Location = TOXL                    8164.14.00 09/16  
01/09/2019                            15:24

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

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

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

Current Instrument Setup

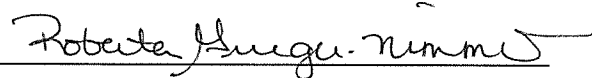
Data Entry Mode:            Enabled  
Start Test Sequence:        DABACABA  
Display Prelim Rslt?        Yes  
Display Third Digit?        Yes  
Inhib Printer(Y/N)?        No  
Display Volume?            No  
Disable On Memfull?        Yes  
# of Print Copies?         1  
Select Std (D/W/I)?        Dry  
Standard Value?            0.080  
Standard Lot #?            34917080A3  
Standard Cyl #?            28  
Standard Expiration?       02/05/2020  
Oper No?                    888888

Flow Cal. Date:            09/06/2016  
Slope                      705  
Intercept                  -687370

IR Calibration Date:       09/06/2016

	3um	9um
0th Coef(*100):	-14155	-22915
1st Coef(*100):	271436	135296
2nd Coef(*100):	2016	1251
H2O adj(mg/l*10k):	372	505

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



Operator Signature  
ROBERTA GRIEGER-NIMMO

Remarks:

Print Test

Form 106-I8000

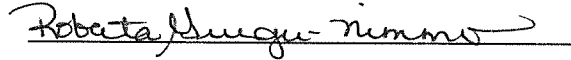
Intoxilyzer Test Record and Checklist  
NDOAG Crime Lab. Div., Bismarck, ND 58501

CMI, Inc. Intoxilyzer      Alcohol Analyzer  
North Dakota Model 8000      SN 80-006685  
Location = TOXL      8164.14.00 09/16  
01/09/2019      15:34

Test	AC	Time
01 Room Air	0.000	15:35
02 *Subject Test	INT*	15:36
03 Room Air	0.000	15:37

\*Invalid Test  
Interferent Detected

Sub Name = DISCOVER, THE SPIRIT  
Sub DOB = 01/01/1982  
Sub Sex = Female      Weight = 150  
Test = DUI      Cit = NA  
Dr. Lic. = ND/DIS821456  
Lot No = 34917080A3  
Cyl No = 28  
Expiration Date = 02/05/2020  
County = 08      Oper No. = 888888

  
Operator Signature  
ROBERTA GRIEGER-NIMMO

Remarks: Interferent Check  
0.10AC + 0.05% Acetone

Form 106-I8000

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

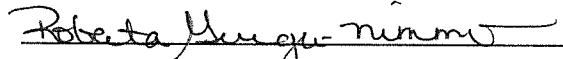
CMI, Inc. Intoxilyzer            Alcohol Analyzer  
North Dakota Model 8000            SN 80-006685  
Location = TOXL                    8164.14.00 09/16  
01/09/2019                            15:37

Test	AC	Time
01 Diagnostic	OK	15:38
02 Room Air	0.000	15:38
03 Subject Test 1	0.000	15:38
04 Room Air	0.000	15:41
05 Std. Gas	RFI*	15:41
06 Room Air	0.000	15:42

\*Invalid Test  
Inhibited - RFI

Sub Name = DISCOVER, THE SPIRIT  
Sub DOB = 01/01/1982  
Sub Sex = Female                    Weight = 150  
Test = DUI                            Cit = NA  
Dr. Lic. = ND/DIS821456  
Lot No = 34917080A3  
Cyl No = 28  
Expiration Date = 02/05/2020  
County = 08                          Oper No. = 888888

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

  
Operator Signature  
ROBERTA GRIEGER-NIMMO

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 80-006685  
Location = TOXL      8164.14.00 09/16  
01/09/2019      15:44

DRY CAL CHECK

Test	AC	Time
01 Room Air	0.000	15:45
02 Std. Gas	0.082	15:45
03 Room Air	0.000	15:46
04 Std. Gas	0.082	15:46
05 Room Air	0.000	15:46
06 Std. Gas	0.083	15:47
07 Room Air	0.000	15:47

Lot No = 34917080A3  
Cyl No = 28  
Exp Date = 02/05/2020  
County = 08      Oper No. = 888888

*Roberta Grieger-Nimmo*  
Operator Signature  
ROBERTA GRIEGER-NIMMO

Remarks: *Calibration Check*  
*0.080 AC*  
Form 106-I8000



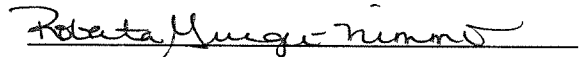
Intoxilyzer Test Record and Checklist  
NDOAG Crime Lab. Div., Bismarck, ND 58501

CMI, Inc. Intoxilyzer      Alcohol Analyzer  
North Dakota Model 8000      SN 80-006685  
Location = TOXL      8164.14.00 09/16  
01/09/2019      15:49

DRY CAL CHECK

Test	AC	Time
01 Room Air	0.000	15:49
02 Std. Gas	0.082	15:50
03 Room Air	0.000	15:50
04 Std. Gas	0.082	15:51
05 Room Air	0.000	15:51
06 Std. Gas	0.083	15:52
07 Room Air	0.000	15:52

Lot No = 34917080A3  
Cyl No = 28  
Exp Date = 02/05/2020  
County = 08      Oper No. = 888888

  
Operator Signature  
ROBERTA GRIEGER-NIMMO

Remarks: Calibration Check  
0.080AC

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 80-006685  
Location = TOXL      8164.14.00 09/16  
01/09/2019      15:53

DRY CAL CHECK

Test	AC	Time
01 Room Air	0.000	15:54
02 Std. Gas	0.082	15:54
03 Room Air	0.000	15:55
04 Std. Gas	0.082	15:55
05 Room Air	0.000	15:56
06 Std. Gas	0.082	15:56
07 Room Air	0.000	15:57

Lot No = 34917080A3  
Cyl No = 28  
Exp Date = 02/05/2020  
County = 08      Oper No. = 888888

Roberta Grieger-Nimmo  
Operator Signature  
ROBERTA GRIEGER-NIMMO

Remarks: Calibration Check  
0.080 AC  
Form 106-I8000