

**BREATH ALCOHOL EQUIPMENT
REPAIR AND MAINTENANCE**

Instrument: 8000 Serial Number: 80-006681 Location: TOXL

1. Instrument repairs/maintenance performed:

Instrument was returned from field use on 16 Oct 18 due to battery needing replacement. Replaced battery (external). Noticed contact for charging had been un-seated and could not charge external battery. Opened instrument and properly seated contact on 30 Jan 19. Trained external battery. Replaced O-ring on simulator return. Completed tests and calibration check before completing flow and optical bench calibration to compare results pre and post adjustment see calibration adjustment worksheet and test results.

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

3. If needed, set the time, date, and location. ✓ [Signature]

4. Does the flow need to be calibrated? Yes or No
If Yes, attach paperwork.

5. Does the optical bench need to be calibrated? Yes or No
If Yes, attach test records.

6. Does the gas regulator need to be calibrated? Yes or No

PSI gauge reading 670 PSI display reading 675

Set instrument to Wet Bath and run tests:

7. Low AC. Use < 0.03 AC in ACA mode. Attach test record. ✓ [Signature]

Sim SN: DR5188 Lot #: 18020 AC: 0.020 AC

8. Linearity Test. Use ≥ 0.25 AC in ACA mode. Attach test record. ✓ [Signature]

Sim SN: DR3374 Lot #: 2018036 AC: 0.250 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 #: ICSS 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. 34917080A3 Cylinder No. 28 Expiration Date 5 Feb 20

Test 1 0.081

Test 1 0.081

Test 1 0.082

Test 2 0.082

Test 2 0.082

Test 2 0.081

Test 3 0.082

Test 3 0.082

Test 3 0.083

Average 0.082

Roberta League Nimmo
Field Inspector's Signature

Charles E. Edin
Reviewed by

30 ^{31 Jan 19} 31 Jan 19
Date

31 JAN. 2019
Date

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

CMI, Inc. Intoxilyzer Alcohol Analyzer
North Dakota Model 8000 SN 80-006681
Location = TOXL 8164.14.00 09/16
01/31/2019 10:21

WET CAL CHECK

Test	AC	Time
01 Room Air	0.000	10:22
02 Std. Sol.	0.023	10:23
03 Room Air	0.000	10:23
04 Std. Sol.	0.022	10:24
05 Room Air	0.000	10:24
06 Std. Sol.	0.023	10:25
07 Room Air	0.000	10:26

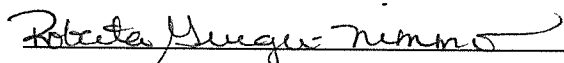
08 Sim Temp = 34.0°C

Simul Ser No = DR5188

Std Sol No = 18020

County = 08

Oper No. = 888888



Operator Signature
ROBERTA GRIEGER-NIMMO

Remarks: low AC

0.020 AC

Exp 9 Jan 20

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 80-006681
Location = TOXL 8164.14.00 09/16
01/31/2019 10:27

WET CAL CHECK

Test	AC	Time
01 Room Air	0.000	10:27
02 Std. Sol.	0.259	10:28
03 Room Air	0.000	10:28
04 Std. Sol.	0.259	10:29
05 Room Air	0.000	10:30
06 Std. Sol.	0.259	10:30
07 Room Air	0.000	10:31

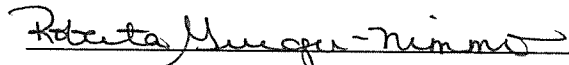
08 Sim Temp = 34.0°C

Simul Ser No = DR3374

Std Sol No = 201803G

County = 08

Oper No. = 888888



Operator Signature
ROBERTA GRIEGER-NIMMO

Remarks: Linearity Test

0.250 AC

Exp. 22 Mar 20

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 80-006681
Location = TOXL 8164.14.00 09/16
01/31/2019 10:33

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

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

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

Current Instrument Setup

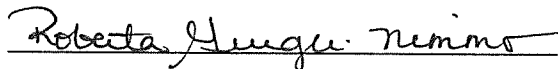
Data Entry Mode: Enabled
Start Test Sequence: DABACABA
Display Prelim Rslt? Yes
Display Third Digit? Yes
Inhib Printer(Y/N)? No
Display Volume? No
Disable On Memfull? Yes
of Print Copies? 1
Select Std (D/W/I)? Dry
Standard Value? 0.080
Standard Lot #? 34917080A3
Standard Cyl #? 28
Standard Expiration?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

Flow Cal. Date: 09/09/2016
Slope 694
Intercept -677594

IR Calibration Date: 09/09/2016
 3um 9um

0th Coef(*100): -10880 -18848
1st Coef(*100): 255177 129254
2nd Coef(*100): 4336 1756
H2O adj(mg/l*10k): 468 501

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



Operator Signature
ROBERTA GRIEGER-NIMMO

Remarks: *Print test*

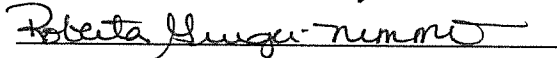
Intoxilyzer Test Record and Checklist
NDOAG Crime Lab. Div., Bismarck, ND 58501

CMI, Inc. Intoxilyzer Alcohol Analyzer
North Dakota Model 8000 SN 80-006681
Location = TOXL 8164.14.00 09/16
01/31/2019 10:34

Test	AC	Time
01 Room Air	0.000	10:35
02 *Subject Test	INT*	10:36
03 Room Air	0.000	10:37

*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
0.10 AC + 0.05% Acetone

Form 106-I8000

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

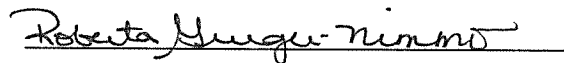
CMI, Inc. Intoxilyzer Alcohol Analyzer
North Dakota Model 8000 SN 80-006681
Location = TOXL 8164.14.00 09/16
01/31/2019 10:38

Test	AC	Time
01 Diagnostic	OK	10:39
02 Room Air	0.000	10:39
03 *Subject Test	RFI*	10:39
04 Room Air	0.000	10:40

*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: *Call RW 31 Jan 19*
RFI Check

Form 106-I8000

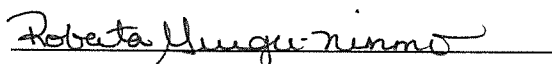
Intoxilyzer Test Record and Checklist
NDOAG Crime Lab. Div., Bismarck, ND 58501

CMI, Inc. Intoxilyzer Alcohol Analyzer
North Dakota Model 8000 SN 80-006681
Location = TOXL 8164.14.00 09/16
01/31/2019 10:41

DRY CAL CHECK

Test	AC	Time
01 Room Air	0.000	10:42
02 Std. Gas	0.081	10:42
03 Room Air	0.000	10:43
04 Std. Gas	0.082	10:43
05 Room Air	0.000	10:44
06 Std. Gas	0.082	10:44
07 Room Air	0.000	10:45

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 80-006681
Location = TOXL 8164.14.00 09/16
01/31/2019 10:45

DRY CAL CHECK

Test	AC	Time
01 Room Air	0.000	10:45
02 Std. Gas	0.081	10:46
03 Room Air	0.000	10:46
04 Std. Gas	0.082	10:47
05 Room Air	0.000	10:47
06 Std. Gas	0.082	10:47
07 Room Air	0.000	10:48

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
0.080AC

Form 106-I8000

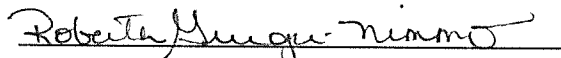
Intoxilyzer Test Record and Checklist
NDOAG Crime Lab. Div., Bismarck, ND 58501

CMI, Inc. Intoxilyzer Alcohol Analyzer
North Dakota Model 8000 SN 80-006681
Location = TOXL 8164.14.00 09/16
01/31/2019 10:48

DRY CAL CHECK

Test	AC	Time
01 Room Air	0.000	10:49
02 Std. Gas	0.082	10:49
03 Room Air	0.000	10:50
04 Std. Gas	0.081	10:50
05 Room Air	0.000	10:50
06 Std. Gas	0.083	10:51
07 Room Air	0.000	10:51

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


Operator Signature
ROBERTA GRIEGER-NIMMO

Remarks: Calibration Check
0.080 AC

Form 106-I8000