

**BREATH ALCOHOL EQUIPMENT  
REPAIR AND MAINTENANCE**

Instrument: 8000 Serial Number: 80-004934 Location: TOXL

1. Instrument repairs/maintenance performed:

Flash update performed. Instrument had an exception code upon reboot while being used in classroom for initial 8000 operator training. Instrument will be replaced in the classroom again to verify. 13 Feb 18 ~~RLN~~. Ran tests 14 Feb 18 and instrument set up in classroom 14 Feb 18 ~~RLN~~. Instrument was used in classroom until 16 Mar 18 and no exception codes were noted. 27 Mar 18 ~~RLN~~

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. ✓ RLN

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 800 PSI display reading 802 psi

Set instrument to Wet Bath and run tests:

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

Sim SN: DR5188 Lot #: 16200 AC: 0.020 AC

8. Linearity Test. Use  $\geq 0.25$  AC in ACA mode. Attach test record. ✓ RLN

Sim SN: DR3375 Lot #: 201603A AC: 0.300 AC

Set instrument to Gas and run tests:

9. Print test. Attach test record. ✓ ResN

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

Sim SN: DR5144 Lot #: 1CS5 AC: 0.10 AC + 0.05% ACE

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

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

Lot No. 20D1608DA2 Cylinder No. 48 Expiration Date 5 Sep 18

Test 1 0.081

Test 1 0.082

Test 1 0.081

Test 2 0.081

Test 2 0.081

Test 2 0.081

Test 3 0.082

Test 3 0.081

Test 3 0.081

Average 0.081

Roberta Yague-Nimmo ResN  
Field Inspector's Signature

14 Feb 18 / 27 Mar 18  
Date

Charles E. Edde CAR  
Reviewed by

14 FEB 2018 27 MAR 18  
Date



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

CMI, Inc. Intoxilyzer            Alcohol Analyzer  
North Dakota Model 8000        SN 80-004934  
Location = TOXL                8164.14.00 09/16  
02/14/2018                        13:48

WET CAL CHECK

Test	AC	Time
01 Room Air	0.000	13:49
02 Std. Sol.	0.018	13:49
03 Room Air	0.000	13:50
04 Std. Sol.	0.018	13:51
05 Room Air	0.000	13:51
06 Std. Sol.	0.019	13:52
07 Room Air	0.000	13:52

08 Sim Temp = 34.0°C

Simul Ser No = DR5188

Std Sol No = 16200

County = 08

Oper No. = 888888

Roberta Grieger-Nimmo

Operator Signature  
ROBERTA GRIEGER-NIMMO

Remarks: Low AC  
0.020 AC

Form 106-I8000

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

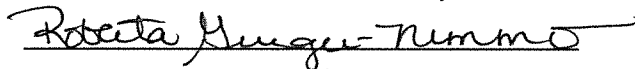
CMI, Inc. Intoxilyzer      Alcohol Analyzer  
North Dakota Model 8000      SN 80-004934  
Location = TOXL      8164.14.00 09/16  
02/14/2018      13:54

WET CAL CHECK

Test	AC	Time
01 Room Air	0.000	13:54
02 Std. Sol.	0.301	13:55
03 Room Air	0.000	13:56
04 Std. Sol.	0.299	13:56
05 Room Air	0.000	13:57
06 Std. Sol.	0.300	13:58
07 Room Air	0.000	13:58

08 Sim Temp = 34.0°C

Simul Ser No = DR3375  
Std Sol No = 201603A  
County = 08      Oper No. = 888888



Operator Signature  
ROBERTA GRIEGER-NIMMO

Remarks: *Linearity test*  
*0.300 AC*

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

CMI, Inc. Intoxilyzer            Alcohol Analyzer  
North Dakota Model 8000        SN 80-004934  
Location = TOXL                8164.14.00 09/16  
02/14/2018                      14:00

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

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

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

Current Instrument Setup

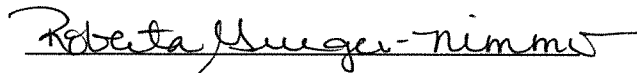
Data Entry Mode:            Enabled  
Start Test Sequence:        DABACABA  
Display Prelim Rslt?        Yes  
Display Third Digit?        Yes  
Inhib Printer(Y/N)?        No  
Display Volume?            No  
Disable On Memfull?        Yes  
# of Print Copies?         1  
Select Std (D/W/I)?        Dry  
Standard Value?            0.080  
Standard Lot #?            20016080A2  
Standard Cyl #?            48  
Standard Expiration?       09/05/2018  
Oper No?                    888888

Flow Cal. Date:            01/20/2010  
Slope                      698  
Intercept                  -694859

IR Calibration Date:       05/22/2017

	3um	9um
0th Coef(*100):	-19346	-20433
1st Coef(*100):	262347	132345
2nd Coef(*100):	1369	1153
H2O adj(mg/l*10k):	384	416

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



Operator Signature  
ROBERTA GRIEGER-NIMMO

Remarks: *Print Test*

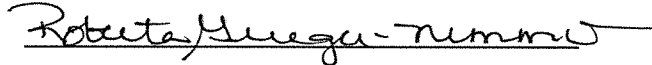
Intoxilyzer Test Record and Checklist  
NDOAG Crime Lab. Div., Bismarck, ND 58501

CMI, Inc. Intoxilyzer      Alcohol Analyzer  
North Dakota Model 8000      SN 80-004934  
Location = TOXL      8164.14.00 09/16  
02/14/2018      14:01

Test	AC	Time
01 Room Air	0.000	14:03
02 *Subject Test	INT*	14:04
03 Room Air	0.000	14:04

\*Invalid Test  
Interferent Detected

Sub Name = DISCOVER, THE SPIRIT  
Sub DOB = 01/01/1982  
Sub Sex = Female      Weight = 150  
Test = DUI      Cit = INTERFERENT CHK  
Dr. Lic. = ND/DIS821456  
Lot No = 20016080A2  
Cyl No = 48  
Expiration Date = 09/05/2018  
County = 08      Oper No. = 888888



Operator Signature  
ROBERTA GRIEGER-NIMMO

Remarks: Interferent Check  
0.100 AC plus 0.05% Acetone

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

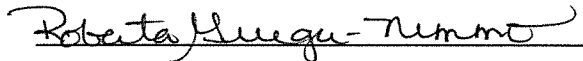
CMI, Inc. Intoxilyzer            Alcohol Analyzer  
North Dakota Model 8000        SN 80-004934  
Location = TOXL                8164.14.00 09/16  
02/14/2018                        14:06

Test	AC	Time
01 Diagnostic	OK	14:07
02 Room Air	0.000	14:07
03 Subject Test 1	0.000	14:08
04 Room Air	0.000	14:10
05 Std. Gas	0.081	14:11
06 Room Air	0.000	14:12
07 *Subject Test	RFI*	14:12
08 Room Air	0.000	14:13

\*Invalid Test  
Inhibited - RFI

Sub Name = DISCOVER, THE SPIRIT  
Sub DOB = 01/01/1982  
Sub Sex = Female                    Weight = 150  
Test = DUI                            Cit = RFI CHECK  
Dr. Lic. = ND/DIS821456  
Lot No = 20016080A2  
Cyl No = 48  
Expiration Date = 09/05/2018  
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





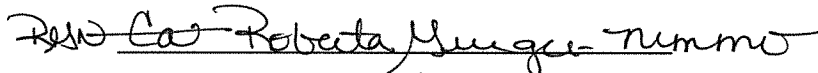
Intoxilyzer Test Record and Checklist  
NDOAG Crime Lab. Div., Bismarck, ND 58501

CMI, Inc. Intoxilyzer      Alcohol Analyzer  
North Dakota Model 8000      SN 80-004934  
Location = TOXL      8164.14.00 09/16  
02/14/2018      14:17

DRY CAL CHECK

Test	AC	Time
01 Room Air	0.000	14:17
02 Std. Gas	0.082	14:17
03 Room Air	0.000	14:18
04 Std. Gas	0.081	14:18
05 Room Air	0.000	14:19
06 Std. Gas	0.081	14:19
07 Room Air	0.000	14:20

Lot No = 20016080A2  
Cyl No = 48  
Exp Date = 09/05/2018  
County = 08      Oper No. = 888888

  
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 80-004934  
Location = TOXL      8164.14.00 09/16  
02/14/2018      14:23

DRY CAL CHECK

Test	AC	Time
01 Room Air	0.000	14:24
02 Std. Gas	0.081	14:24
03 Room Air	0.000	14:25
04 Std. Gas	0.081	14:25
05 Room Air	0.000	14:26
06 Std. Gas	0.081	14:26
07 Room Air	0.000	14:27

Lot No = 20016080A2  
Cyl No = 48  
Exp Date = 09/05/2018  
County = 08      Oper No. = 888888

*Roberta Grieger-Nimmo*

Operator Signature  
ROBERTA GRIEGER-NIMMO

Remarks: Calibration Check  
0.080 AC