

**BREATH ALCOHOL EQUIPMENT
REPAIR AND MAINTENANCE**

Instrument: 8000 Serial Number: 80-004953 Location: TOXL

1. Instrument repairs/maintenance performed:

This instrument was brought in to the Breath Section after an internal printer error in the field. Completed flash update of software. Ran several tests and was unable to reproduce error. Instrument will be placed in classroom for further testing. If no further errors are observed, it will be placed into fit^{BLAN} field use again. 22 Dec 17 Res.
Instrument was used in classroom from 12/27/17 thru 3/16/18 and no further issues were noted. 27 Mar 18 Res

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.

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 750 PSI display reading 743

Set instrument to Wet Bath and run tests:

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

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

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

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

Set instrument to Gas and run tests:

9. Print test. Attach test record. ✓

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

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

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

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

Lot No. 01316080A2 Cylinder No. 36 Expiration Date 5 Feb 18

Test 1 0.082^{REN}3

Test 1 0.082

Test 1 0.082

Test 2 0.082

Test 2 0.083

Test 2 0.082

Test 3 0.0813^{REN}

Test 3 0.082

Test 3 0.082

Average 0.082

Roberta Munoz-Nimmo / REN
Field Inspector's Signature

22 Dec 17 | 27 Mar 18
Date

Charles E. Edrington
Reviewed by

22 DEC. 2017 27 MAR 18
Date

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

CMI, Inc. Intoxilyzer Alcohol Analyzer
North Dakota Model 8000 SN 80-004953
Location = TOXL 9164.14.00 09/16
12/22/2017 11:38

WET CAL CHECK

Test	AC	Time
01 Room Air	0.000	11:38
02 Std. Sol.	0.018	11:40
03 Room Air	0.000	11:40
04 Std. Sol.	0.018	11:41
05 Room Air	0.000	11:41
06 Std. Sol.	0.018	11:42
07 Room Air	0.000	11:43

08 Sin 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

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

CMI, Inc. Intoxilyzer Alcohol Analyzer
North Dakota Model 8000 SN 80-004953
Location = TOXL 8164.14.00 09/16
12/22/2017 11:52

WET CAL CHECK

Test	AC	Time
01 Room Air	0.000	11:53
02 Std. Sol.	0.302	11:54
03 Room Air	0.000	11:54
04 Std. Sol.	0.302	11:55
05 Room Air	0.000	11:56
06 Std. Sol.	0.304	11:56
07 Room Air	0.000	11:57

08 Sim Temp = 34.0°C

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

Roberta Grieger-Nimmo
Operator Signature
ROBERTA GRIEGER-NIMMO

Remarks: *Linearity Test*
0.300 AC

Form 106-18000

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

OMI, Inc. Intoxilyzer Alcohol Analyzer
North Dakota Model 8000 SN 80-004953
Location = TOXL 8164.14.00 09/16
12/22/2017 11:58

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

12 char/line
abcdefghijkl
ABCDEFGHIJKL

16 char per line
abcdefghijklmnop
ABCDEFGHIJKLMN

21 chars per line
abcdefghijklmnopqrstu
ABCDEFGHIJKLMNQRSTU

24 characters per line
abcdefghijklmnopqrstu
ABCDEFGHIJKLMNQRSTU

32 characters per line
abcdefghijklmnopqrstu
ABCDEFGHIJKLMNQRSTU

42 characters per line
abcdefghijklmnopqrstu
ABCDEFGHIJKLMNQRSTU

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 Menfull? Yes
of Print Copies? 1
Select Std (D/W/I)? Dry
Standard Value? 0.080
Standard Lot #? 01316080A2
Standard Cyl #? 36
Standard Expiration? 02/05/2018
Oper No? 888888

Flow Cal. Date: 01/19/2010
Slope 691
Intercept -628068

IR Calibration Date: 04/07/2015
Sum Sum

0th Coef(*100):	-18160	-22754
1st Coef(*100):	254326	129076
2nd Coef(*100):	3670	1866
H2O adj(mg/l*10K):	414	530

***** Test End *****

Roberta Grieger-Nimmo

Operator Signature
ROBERTA GRIEGER-NIMMO

Remarks:

Print Test

Form 106-18000

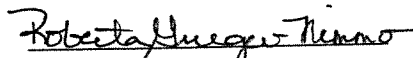
Intoxilyzer Test Record and Checklist
NDDAG Crime Lab. Div., Bismarck, ND 58501

CMI, Inc. Intoxilyzer Alcohol Analyzer
North Dakota Model 8000 SN 80-004953
Location = TOXL 8164.14.00 09/16
12/22/2017 11:59

Test	AC	Time
01 Room Air	0.000	12:00
02 *Subject Test	INT*	12:01
03 Room Air	0.000	12:02

*Invalid Test
Interferent Detected

Sub Name = DISCOVER, THE SPIRIT
Sub DOB = 01/01/1982
Sub Sex = Female Weight = 150
Test = DUI Cit = INTERFERENT
Dr. Lic. = ND/DIS821456
Lot No = 01316080A2
Cyl No = 36
Expiration Date = 02/05/2018
County = 08 Oper No. = 888888


Operator Signature
ROBERTA GRIEGER-NIMMO

Remarks:

Interferent Check

Form 106-18000

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

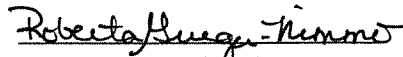
CMI, Inc. Intoxilyzer Alcohol Analyzer
North Dakota Model 8000 SN 80-004953
Location = TOXL 8164.14.00 09/16
12/22/2017 12:03

Test	AC	Time
01 Diagnostic	OK	12:04
02 Room Air	0.000	12:04
03 *Subject Test	RFI*	12:05
04 Room Air	0.000	12:05

*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/D15821456
Lot No = 01316080A2
Cyl No = 36
Expiration Date = 02/05/2018
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 80-004953
Location = TOXL 8164.14.00 09/16
12/22/2017 12:07

DRY CAL CHECK

Test	AC	Time
01 Room Air	0.000	12:08
02 Std. Gas	0.083	12:08
03 Room Air	0.000	12:08
04 Std. Gas	0.082	12:09
05 Room Air	0.000	12:09
06 Std. Gas	0.083	12:10
07 Room Air	0.000	12:10

Lot No = 01316080A2
Cyl No = 36
Exp Date = 02/05/2018
County = 08 Oper No. = 888888

Roberta Grieger-Nimmo
Operator Signature
ROBERTA GRIEGER-NIMMO

Remarks:
Calibration Check
0.080 AC
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 80-004953
Location = TOXL 8164.14.00 09/16
12/22/2017 12:12

DRY CAL CHECK

Test	AC	Time
01 Room Air	0.000	12:12
02 Std. Gas	0.082	12:13
03 Room Air	0.000	12:13
04 Std. Gas	0.083	12:13
05 Room Air	0.000	12:14
06 Std. Gas	0.082	12:14
07 Room Air	0.000	12:15

Lot No = 01316080A2
Cyl No = 36
Exp Date = 02/05/2018
County = 08 Oper No. = 888888

Roberta Grieger-Nimmo
Operator Signature
ROBERTA GRIEGER-NIMMO

Remarks:
Calibration Check
0.080 AC
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 80-004953
Location = TOXL 8164.14.00 09/16
12/22/2017 12:15

DRY CAL CHECK

Test	AC	Time
01 Room Air	0.000	12:16
02 Std. Gas	0.082	12:16
03 Room Air	0.000	12:17
04 Std. Gas	0.082	12:17
05 Room Air	0.000	12:18
06 Std. Gas	0.082	12:18
07 Room Air	0.000	12:19

Lot No = 01316080A2
Cyl No = 36
Exp Date = 02/05/2018
County = 08 Oper No. = 888888

Roberta Grieger-Nimmo
Operator Signature
ROBERTA GRIEGER-NIMMO

Remarks:
Calibration Check
0.080 AC
Form 106-18000