

**BREATH ALCOHOL EQUIPMENT
REPAIR AND MAINTENANCE**

Instrument: 8000 Serial Number: 80-005362 Location: TOXL

1. Instrument repairs/maintenance performed:

REPLACED GAS CYLINDER REGULATOR (PRESSURE GAUGE AND SOLENOID VALVE).
(OLD REGULATOR WAS LEAKING AND TANK WOULD GO DRY DURING CLASS).
TANK PRESSURE DID NOT DECREASE AFTER BEING CONNECTED TO NEW REGULATOR. (3hrs.)
RAN ACA CHECK TO VERIFY FUNCTION OF SOLENOID VALVE.

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. _____

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 ~350 PSI display reading 348

Set instrument to Wet Bath and run tests:

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

Sim SN: _____ Lot #: _____ AC: _____

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

Sim SN: _____ Lot #: _____ 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: _____ Lot #: _____ AC: _____

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. _____ Cylinder No. _____ Expiration Date _____

Test 1 _____	Test 1 _____	Test 1 _____
Test 2 _____	Test 2 _____	Test 2 _____
Test 3 _____	Test 3 _____	Test 3 _____

Average _____

Charles E. Edm
Field Inspector's Signature

11 FEB 14
Date

Deb Keshur
Reviewed by

11 Feb 2014
Date

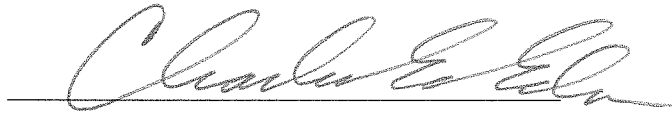
Intoxilyzer Test Record and Checklist
NDOAG Crime Lab. Div., Bismarck, ND 58501

CMI, Inc. Intoxilyzer Alcohol Analyzer
North Dakota Model 8000 SN 80-005362
Location = TOXL 8164.13.00 06/09
02/11/2014 16:12

DRY CAL CHECK

Test	AC	Time
01 Room Air	0.000	16:13
02 Std. Gas	0.080	16:13
03 Room Air	0.000	16:13
04 Std. Gas	0.080	16:14
05 Room Air	0.000	16:14
06 Std. Gas	0.080	16:15
07 Room Air	0.000	16:15

Lot No = 16512080A2
Cyl No = 34
Exp Date = 08/01/2014
County = 08 Oper No. = 666666



Operator Signature
CHARLES EDER

Remarks: *ACA CHECK*
 0.080 AQ E.G.S.