

**BREATH ALCOHOL EQUIPMENT  
REPAIR AND MAINTENANCE**

Instrument: 8000 Serial Number: 80-005947 Location: TOXL

1. Instrument repairs/maintenance performed:

NOTED GAS CYLINDER WAS EMPTY DURING DEMONSTRATION. INSTALLED NEW CYLINDER TO USE FOR DEMO AND IT BECAME EMPTY OVERNIGHT. INSTALLED EXPIRED CYLINDER IN INSTRUMENT AND LOST APPROXIMATELY 200 PSI IN 3 HRS. REMOVED REGULATOR ASSEMBLY TO REPLACE AND NOTICED LOOSE FITTING ON ASSEMBLY. TIGHTENED FITTING, RE-INSTALLED ASSEMBLY AND WILL LET SIT OVER WEEKEND. CEE 10/31/14 No PRESSURE LOST CEE 11/3/14

2. Does the instrument require further testing? Yes or No  
If Yes, continue. ACA CHECK RUN TO VERIFY FUNCTION OF VALVE ASSEMBLY.  
If No, sign and date below.

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

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? (NON-EXPIRED CYLINDER) Yes or No  
PSI gauge reading ~700 PSI display reading 696

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 \_\_\_\_\_



Field Inspector's Signature

11/03/2014  
Date



Reviewed by

03 NOV 2014  
Date


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

CMI, Inc. Intoxilyzer      Alcohol Analyzer  
North Dakota Model 8000      SN 80-005947  
Location = TOXL      8164.13.00 06/09  
11/03/2014      11:09

DRY CAL CHECK

Test	AC	Time
01 Room Air	0.000	11:10
02 Std. Gas	0.080	11:10
03 Room Air	0.000	11:11
04 Std. Gas	0.079	11:11
05 Room Air	0.000	11:12
06 Std. Gas	0.079	11:12
07 Room Air	0.000	11:13

Lot No = 14214080A6      (0.080AC)  
Cyl No = 59  
Exp Date = 07/05/2016  
County = 08      Oper No. = 666666

  
Operator Signature  
CHARLES EDER

Remarks: VERIFIED FUNCTION OF  
VALUE ASSEMBLY      (ACA CHECK)  
FOR GAS CYLINDER