

**BREATH ALCOHOL EQUIPMENT  
REPAIR AND MAINTENANCE**

Instrument: 8000 Serial Number: 80-006507 Location: TOXL

1. Instrument repairs/maintenance performed:

Replaced and trained external battery.  
Performed flash update of software.

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 400 PSI display reading 407 psi

Set instrument to Wet Bath and run tests:

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

Sim SN: \_\_\_\_\_ Lot #: \_\_\_\_\_ AC: \_\_\_\_\_

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

Sim SN: \_\_\_\_\_ Lot #: \_\_\_\_\_ AC: \_\_\_\_\_

Set instrument to Gas and run tests:

9. Print test. Attach test record. NA

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

Sim SN: \_\_\_\_\_ Lot #: \_\_\_\_\_ AC: \_\_\_\_\_

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

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

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 \_\_\_\_\_

Roberta Hungu-minno  
Field Inspector's Signature

23 Nov 18  
Date

Charles E. Edr  
Reviewed by

28 Nov. 18  
Date