

**BREATH ALCOHOL EQUIPMENT
REPAIR AND MAINTENANCE**

Instrument: 8000 Serial Number: 80-003071 Location: TOXL

1. Instrument repairs/maintenance performed:

INSTRUMENT BROUGHT IN DUE TO BROKEN MOUTHPIECE IN
BREATH HOSE. REMOVED BREATH HOSE AND INSTALLED
DIFFERENT BREATH HOSE. CEE 3/6/14

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. 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? Yes or (No)
PSI gauge reading _____ PSI display reading _____

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. Edr
Field Inspector's Signature

10 MAR 14
Date

Debs Kashner
Reviewed by

10 Mar 14 ✓
Date