

**BREATH ALCOHOL EQUIPMENT
REPAIR AND MAINTENANCE**

Instrument: 8000 Serial Number: 80-005946 Location: TOXL

1. Instrument repairs/maintenance performed:

ISSUE: KNOWN 0.080 AC RUNNING LOW INTERMITTENTLY.

REPLACED KEYBOARD (KEYS WERE STICKING)
REPLACED BREATH HOSE - LEAK WOULD DEVELOP WHEN PULLED
IN LEFT DIRECTION. FOUND CRACK IN HOSE:

* NOTE: CALIBRATION ADJUSTMENT WILL BE PERFORMED ON
INSTRUMENT. TESTING WILL BE DONE DURING CAL. ADJ.

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 452 PSI display reading 450

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

8/30/19

Date

NA

Reviewed by

NA

Date