

**BREATH ALCOHOL EQUIPMENT
REPAIR AND MAINTENANCE**

Instrument: 8000 Serial Number: 80-004193 Location: TOXL

1. Instrument repairs/maintenance performed:

Battery was replaced and trained

2. Does the instrument require further testing?
If Yes, continue.
If No, sign and date below.

Yes or No

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

NA

4. Does the flow need to be calibrated?
If Yes, attach paperwork.

Yes or No

5. Does the optical bench need to be calibrated?
If Yes, attach test records.

Yes or No

6. Does the gas regulator need to be calibrated?

Yes or No

PSI gauge reading 775
~~783~~ PSI display reading 783

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 ≥ 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 _____

Roberto Guzman-Nimmo
Field Inspector's Signature

19 July 17
Date

Charles E. Ehr
Reviewed by

19 JUL 17
Date