

**BREATH ALCOHOL EQUIPMENT
REPAIR AND MAINTENANCE**

Instrument: 8000 Serial Number: 80-004943 Location: TOXL

1. Instrument repairs/maintenance performed:

Replaced and trained external battery.
External battery issue had been noticed during
classroom use.

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.

✓ RW

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 300 PSI display reading 313 PSI

Set instrument to Wet Bath and run tests:

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

NA RW

Sim SN: _____ Lot #: _____ AC: _____

8. Linearity Test. Use ≥ 0.25 AC in ACA mode. Attach test record.

NA RW

Sim SN: _____ Lot #: _____ AC: _____

Set instrument to Gas and run tests:

9. Print test. Attach test record.

NA RUN

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

NA RUN

Sim SN: _____ Lot #: _____ AC: _____

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

NA RUN

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

NA RUN

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 Mungari Nimmis
Field Inspector's Signature

11 Feb 19
Date

Charles E. Ed
Reviewed by

11 FEB. 2019
Date