

BREATH ALCOHOL EQUIPMENT
REPAIR AND MAINTENANCE

Instrument: 8000 Serial Number: 80-004934 Location: TOXL

1. Instrument repairs/maintenance performed:
Replaced external battery, trained battery

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 _____ 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 _____

Dob Shanaver

Field Inspector's Signature

Charles E. Elder

Reviewed by

21 June 16
Date

24 JUNE 2016 ✓
Date