

BREATH ALCOHOL EQUIPMENT
REPAIR AND MAINTENANCE

Instrument: 8000 Serial Number: 80-006493 Location: TOXL

1. Instrument repairs/maintenance performed:

CHECKED FOR PURGE FAILS DURING CLASSROOM
TRAINING SESSIONS. PLACED IN CLASSROOM 10.14.16.
REMOVED FROM CLASSROOM 12.7.16.
- 68 SUBJECT TESTS AND 12 CALIBRATION CHECKS

- NO PURGE FAILS OR ANY OTHER ERRORS APPEARED
- INSTRUMENT WILL BE PUT BACK IN FIELD WHEN NEEDED

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 _____ 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. Ede
Field Inspector's Signature

09 DEC 2016
Date

Deb Shanaver
Reviewed by

09 Dec 2016
Date