

**BREATH ALCOHOL EQUIPMENT
REPAIR AND MAINTENANCE**

Instrument: 8000 Serial Number: 80-006509 Location: TOXL

1. Instrument repairs/maintenance performed:

Instrument returned from field on 11/13/18. Instrument would not go from Standby to Ready Mode. Pushing the "start test" button would not begin 1 minute countdown. Completed Flash Update of software and installed in Classroom 11/14/18. Will monitor instrument. NO issues reported after instrument was used for 6 classes of 8000 Initial operator training. Instrument is ready for field 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.

✓

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 725 PSI display reading 729 psi

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 _____

Roberta Mueggenhimm
Field Inspector's Signature
Charles E. Ed
Reviewed by

31 Jan 19
Date
31 JAN. 2019
Date