

**BREATH ALCOHOL EQUIPMENT
REPAIR AND MAINTENANCE**

Instrument: 8000 Serial Number: 80-006687 Location: TOXL

1. Instrument repairs/maintenance performed:

INSTRUMENT WAS PLACED IN CLASSROOM BETWEEN 11/26/2018
AND MARCH 12, 2019. OVER 200 TESTS WERE RUN ON INSTRUMENT
DURING 8 CLASSES.

NO INSTRUMENT LOCKUPS OR OTHER ISSUES OCCURRED.

ANNUAL INSPECTION WILL BE PERFORMED ON INSTRUMENT FOR TESTING.

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 775 PSI display reading 789

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 _____



Field Inspector's Signature

4.17.2019
Date



Reviewed by

4.17.2019
Date