

INTOXILYZER® 8000 REPAIR AND MAINTENANCE

Intoxilyzer® 8000 Serial Number: 80-004939 Location: TOXL

1. Reported Issue:
discharging battery

2. Found/Determined:
bad battery

3. Repair/Maintenance Performed:
replaced external battery

4. Check and reset if needed; time, date, and location. (Level 2, E)

5. Tank monitor display and regulator within 50 psi. (Level 3, D, G)
Display: 267 psi Regulator: 250 psi
 If needed, completed tare of tank sensor. (Level 3, M, C, G)

6. Does the flow need to be calibrated? Yes or No
If Yes, attach paperwork.

7. Does the optical bench need a calibration adjustment? Yes or No
If Yes, attach test records.

8. Does the instrument require further testing? Yes or No
If No, sign and date at end of form.
If Yes, state testing required or: Perform all tests for repair.

Configure simulator(s) for the following tests: (Level 1, S) Attach test records

9. Wet Calibration Check: (ACA Test)

Low AC (Level 1, C): Known value ≤ 0.03 AC. _____ AC
Sim SN: _____ Lot #: _____ Exp. Date: _____

High AC (Level 1, C): Known value ≥ 0.25 AC. _____ AC
Sim SN: _____ Lot #: _____ Exp. Date: _____

Wet Calibration Check results are within ± 0.005 or $\pm 5\%$ (whichever is greater) of stated AC value.

Configure dry gas standard for the following tests: (Level 1, S) Attach test records.

10. Print test. (Level 1, P)

11. Interferent Check. _____ AC ethanol plus 0.05% Acetone. (Level 1, B)
Sim SN: _____ Lot #: _____ Display reads "Interferent Detect"

12. RFI Check. (CMS mode) Display reads "RFI Detect"

13. Dry Calibration Check/Stability Test (Level 3, T, S, D, 15)
Known: _____ AC Ethanol Gas Standard.
Lot No. _____ Cylinder No. _____ Expiration Date _____

Average AC: _____ Std. Dev. _____ Rel. Std. Dev. _____

Remarks/Notes:

Instrument is acceptable to be used in the field.



Breath Analyst Signature

1/4/23

Date



Reviewed by

1/4/23

Date