

INTOXILYZER® 8000 REPAIR AND MAINTENANCE

Intoxilyzer® 8000 Serial Number: 80-007096 Location: TOXL

1. Reported Issue:  
POSSIBLE RAM ISSUE NOTED IN FIELD. RESTARTS  
NEEDED: COMMUNICATION ISSUES.
2. Found/Determined:  
RAM CEE RAM ISSUE FROM INCOMPLETE FORMS  
LOAD (OPERATOR FILE).  
NEEDS EXTERNAL BATTERY REPLACED.
3. Repair/Maintenance Performed:  
- UPLOADED CURRENT OPERATOR FILES, FEB. <sup>2021</sup> & APRIL,  
AND NO RAM ISSUES APPEAR.  
- CONTINUE TO HAVE COMMUNICATION ISSUES WITH INSTRUMENT  
CURRENTLY AT MORTON COUNTY S.O. (ANALOG PHONE LINE)  
- 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: 246 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.

NOTE: TESTING WILL BE PERFORMED DURING  
ANNUAL INSPECTION.

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  $\leq$  0.03 AC. \_\_\_\_\_ AC  
Sim SN: \_\_\_\_\_ Lot #: \_\_\_\_\_ Exp. Date: \_\_\_\_\_

High AC (Level 1, C): Known value  $\geq$  0.25 AC. \_\_\_\_\_ AC  
Sim SN: \_\_\_\_\_ Lot #: \_\_\_\_\_ Exp. Date: \_\_\_\_\_

Wet Calibration Check results are within  $\pm$  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:

TESTING WILL BE PERFORMED DURING  
ANNUAL INSPECTION.

Instrument is acceptable to be used in the field.

Charles E. Edr  
Breath Analyst Signature

4.21.21  
Date

Kevin L. Drob  
Reviewed by

4-27-21  
Date