

**INTOXILYZER® 8000 REPAIR AND MAINTENANCE**

Intoxilyzer® 8000 Serial Number: 80-004934 Location: TOXL

1. Reported Issue:  
REPORTED RFI ISSUE AT STARTUP DIAGNOSTIC AND  
REAL TIME CLOCK BATTERY BAD BY KALI HIER DURING  
2021 ANNUAL INSPECTIONS
2. Found/Determined:  
REAL TIME CLOCK BATTERY BAD. RFI  
TRIGGERED CONTINUOUSLY. ESPECIALLY  
DURING AIR BLANKS
3. Repair/Maintenance Performed:  
REPLACED REAL TIME CLOCK BATTERY. CONTINUOUS RFI'S  
TRIGGERED BY AIR BLANK. WILL NOT COME OUT OF STANDBY  
MODE. COULD NOT FIND ANY PINCHED WIRES THAT WOULD  
CAUSE RFI'S. REPLACED ENTIRE COVER ASSEMBLY AND  
RFI'S CONTINUED.  
INSTRUMENT WILL BE DISPOSED OF.
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: \_\_\_\_\_ psi      Regulator: \_\_\_\_\_ 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.

INSTRUMENT WILL BE DISPOSED OF DUE TO  
RFI ISSUE.

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: INSTRUMENT WILL BE DISPOSED DUE TO RFI ISSUE.

NO  Instrument is acceptable to be used in the field.

Charles E. Ehr  
Breath Analyst Signature

3/28/22  
Date

NA  
Reviewed by

NA  
Date