



MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES  
 STATE PUBLIC HEALTH LABORATORY  
**ALCO-SENSOR IV WITH PRINTER MAINTENANCE REPORT**

RECEIVED  
 BY: [unclear] DATE: 01/31/2025

REPORT #7

Complete this report in duplicate at the time of the regular monthly preventative maintenance check, and whenever instrument is repaired. Send copy to Department of Health and Senior Services; retain original in department file.

ALCO SENSOR IV SN 11629	NAME OF AGENCY University of missouri	DATE OF INSPECTION 01/31/2025
LOCATION OF INSTRUMENT (STREET AND CITY) 901 Virginia Ave, Columbia Missouri		TIME OF INSPECTION 6:50 am

**CHECKLIST:** Place a mark in the box by each item if found to be satisfactory or if operating within established limits. (Write in observed values where determined.) Unmarked items must be corrected before using instrument.

- DIGITAL READOUT (ALL ELEMENTS OPERATIONAL)
- TEMPERATURE OF ALCO SENSOR (10°C - 40°C)
- PRINTER WORKING PROPERLY
- TIME AND DATE DISPLAYING PROPERLY

**BREATH ALCOHOL ACCURACY STANDARDS**

<input type="checkbox"/> SIMULATOR SOLUTION	<input type="checkbox"/> COMPRESSED ETHANOL-GAS MIXTURE
<input checked="" type="checkbox"/> STANDARD SUPPLIER <u>Intoximeters</u> LOT # _____ EXP. DATE <u>11/13/2025</u>	
<input type="checkbox"/> SIMULATOR TEMPERATURE (34°C ± 0.2°C) _____ SIM. SN _____ SIM. NIST EXP DATE _____	

- CALIBRATION CHECK – (ONLY ONE STANDARD IS TO BE USED PER MAINTENANCE REPORT)  
 Run three tests using a standard solution. All three tests must be within ±5% of the standard value and must have a spread of .005 or less. Check the box corresponding to the standard solution being used. (PRINTOUT ATTACHED)
  - 0.100% STANDARD - MUST READ BETWEEN 0.095% and 0.105% INCLUSIVE
  - 0.080% STANDARD - MUST READ BETWEEN 0.076% and 0.084% INCLUSIVE
  - 0.040% STANDARD - MUST READ BETWEEN 0.038% and 0.042% INCLUSIVE

TEST 1 → 0.082	TEST 2 → 0.081	TEST 3 → 0.081
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- RFI DETECTOR OPERATING

INDICATE THE NUMBER OF BREATH TESTS IN THE FOLLOWING RANGES SINCE THE LAST MAINTENANCE REPORT:  
 (DO NOT INCLUDE SELF-ADMINISTERED TESTS)

REFUSALS	(0-.04)	(.05-.09)	(.10-.14)	(.15-.19)	(OVER .19)
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List any new parts and describe any alteration or modification that was made to restore the instrument to operate satisfactorily and within established limits (use other side if necessary).

**INSPECTING OFFICER**

SIGNATURE 	PRINT NAME Kyle Townley
TYPE II PERMIT NUMBER/EXPIRATION DATE 230234 11-24-2025	TELEPHONE NUMBER (573) 882-7201

Return completed report to the: Breath Alcohol Program, MO Department of Health and Senior Services, Southeast District Office by mail, fax, or email.

AS IV Serial no: 111629  
Version no: 532B

TEST RECORD 01847

Temp Date Time 21<sup>9</sup>/<sub>10</sub>L

Air Blank:  
01/31/25 06:50 .000  
Calibration Check:  
19 01/31/25 06:50 .082

Subject Name

Maintenance Test 1

Subject I.D.

Townley 230234  
Operator Name, I.D.

Location

901 Virginia Ave

AS IV Serial no: 111629  
Version no: 532B

TEST RECORD 01848

Temp Date Time 21<sup>9</sup>/<sub>10</sub>L

Air Blank:  
01/31/25 06:51 .000  
Calibration Check:  
20 01/31/25 06:51 .081

Subject Name

Maintenance

Subject I.D.

Test 2

Operator Name, I.D.

Townley 230234

Location

901 Virginia Ave

AS IV Serial no: 111629  
Version no: 532B

TEST RECORD 01849

Temp Date Time 21<sup>9</sup>/<sub>10</sub>L

Air Blank:  
01/31/25 06:53 .000  
Calibration Check:  
21 01/31/25 06:53 .081

Subject Name

Maintenance

Subject I.D.

Test 3

Operator Name, I.D.

Townley 230234

Location

901 Virginia Ave

AS IV Serial no: 111629  
Version no: 532B

TEST RECORD 01850

Temp Date Time 21<sup>9</sup>/<sub>10</sub>L

VOID: RFI  
12 01/31/25 06:54

Subject Name

Maintenance

Subject I.D.

RFI test

Operator Name, I.D.

Townley 230234

Location

901 Virginia Ave