



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

**RECEIVED**  
 By Tracy Crews at 8:04 am, Jan 04, 2024

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 030792	NAME OF AGENCY Missouri State Highway Patrol	DATE OF INSPECTION 01/02/2024
-----------------------------	---	----------------------------------

LOCATION OF INSTRUMENT (STREET AND CITY) 5268 Flat River Road, Park Hills, MO 63601 (Troop C Service Center)	TIME OF INSPECTION 1:59 pm
---	-------------------------------

**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**

SIMULATOR SOLUTION  COMPRESSED ETHANOL-GAS MIXTURE

STANDARD SUPPLIER Guth Laboratories, Inc. LOT # 23180 EXP. DATE 05/17/2025

SIMULATOR TEMPERATURE (34°C ± 0.2°C) 33.98 SIM. SN MP2460 SIM. NIST EXP DATE 01/24/2024

- 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  .101	TEST 2  .101	TEST 3  .100
--------------	--------------	--------------

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	(0-.04)	0	(.05-.09)	0	(.10-.14)	0	(.15-.19)	0	(OVER .19)	0
----------	---	---------	---	-----------	---	-----------	---	-----------	---	------------	---

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).

Reassigned to Trooper Z.L.Ricker Badge #445

**INSPECTING OFFICER**

SIGNATURE 	PRINT NAME Zachary L. Ricker
---------------	---------------------------------

TYPE II PERMIT NUMBER/EXPIRATION DATE 230304 12/11/2025	TELEPHONE NUMBER (636) 300-3800
--	------------------------------------

**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: 030792  
Version no: 532B

TEST RECORD - REPRINT

TEST RECORD 00364

Temp Date Time <sup>g/</sup> 210L

Air Blank:  
01/02/24 13:59 .000  
Calibration Check:  
20 01/02/24 13:59 .101

Subject Name

Maint

Subject I.D.

Operator Name, I.D.

Z.L.Ricker 230304

Location

5268 Flat River Rd.

Park Hills, MO 63601

AS IV Serial no: 030792  
Version no: 532B

TEST RECORD 00365

Temp Date Time <sup>g/</sup> 210L

Air Blank:  
01/02/24 14:02 .000  
Calibration Check:  
21 01/02/24 14:02 .101

Subject Name

Maint

Subject I.D.

Operator Name, I.D.

Z.L.Ricker 230304

Location

5268 Flat River Rd

Park Hills, MO 63601

AS IV Serial no: 030792  
Version no: 532B

TEST RECORD 00366

Temp Date Time <sup>g/</sup> 210L

Air Blank:  
01/02/24 14:04 .000  
Calibration Check:  
22 01/02/24 14:04 .100

Subject Name

Maint

Subject I.D.

Operator Name, I.D.

Z.L.Ricker 230304

Location

5268 Flat River Rd

Park Hills, MO 63601

AS IV Serial no: 030792  
Version no: 532B

TEST RECORD 00367

Temp Date Time <sup>g/</sup> 210L

VOID: RFI  
12 01/02/24 14:06

Subject Name

Maint

Subject I.D.

Operator Name, I.D.

Z.L.Ricker 230304

Location

5268 Flat River Rd

Park Hills, MO 63601