



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

RECEIVED
 By Tracy Crews at 7:56 am, Mar 04, 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 097401	NAME OF AGENCY Missouri State Highway Patrol	DATE OF INSPECTION 03/02/2025
LOCATION OF INSTRUMENT (STREET AND CITY) 1000 City Parkway, Osage Beach, Missouri 65065		TIME OF INSPECTION 11:22 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

SIMULATOR SOLUTION COMPRESSED ETHANOL-GAS MIXTURE

STANDARD SUPPLIER Guth Laboratories LOT # 23390 EXP. DATE 10/17/2025

SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34.01 SIM. SN MP2312 SIM. NIST EXP DATE 11/06/2025

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 ← .099	TEST 2 ← .098	TEST 3 ← .098
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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) 1	(.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 ▶ <i>T. Rosa</i>	PRINT NAME Tyler R. Rosa
TYPE II PERMIT NUMBER/EXPIRATION DATE 230121 / 06/07/2025	TELEPHONE NUMBER (573) 751-1000

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: 097401
Version no: 532B

TEST RECORD 00800

Temp Date Time ^{s/} 210L

Air Blank:
02/03/25 11:20 .000
Calibration Check:
19 02/03/25 11:20 .099

Subject Name

Acc 1

Subject I.D.

Acc 1

Operator Name, I.D.

Rosa #515 230121

Location

Zone office

AS IV Serial no: 097401
Version no: 532B

TEST RECORD 00801

Temp Date Time ^{s/} 210L

Air Blank:
02/03/25 11:25 .000
Calibration Check:
21 02/03/25 11:25 .098

Subject Name

Acc 2

Subject I.D.

Acc 2

Operator Name, I.D.

Rosa #515 230121

Location

Zone office

AS IV Serial no: 097401
Version no: 532B

TEST RECORD 00802

Temp Date Time ^{s/} 210L

Air Blank:
02/03/25 11:29 .000
Calibration Check:
23 02/03/25 11:29 .098

Subject Name

Acc 3

Subject I.D.

Acc 3

Operator Name, I.D.

Rosa #515 230121

Location

Zone office

AS IV Serial no: 097401
Version no: 532B

TEST RECORD 00803

Temp Date Time ^{s/} 210L

VOID: RFI
12 02/03/25 11:29

Subject Name

RFI check

Subject I.D.

RFI check

Operator Name, I.D.

Rosa #515 230121

Location

Zone office