

By Tracy Crews at 7:54 am, Jan 09, 2025



## MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES STATE PUBLIC HEALTH LABORATORY

#### ALCO-SENSOR IV WITH PRINTER MAINTENANCE REPORT

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 104658	NAME OF AGENCY Missouri State Highway Patrol			DATE OF INSPECTION 01/08/2025			
LOCATION OF INSTRUMENT (STREET AND CITY) 3525 North Belt Highway, Saint Joseph, Missouri 64506				TIME OF INSPECTION 12:33 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  LOT # 23390 EXP. DATE 10/17/2025							
✓ SIMULATOR TEMPERATURE (34°C ± 0.2°	°C)34.00 SIM	n. SNMP231	SIM. N	IIST EXP	DATE 01/31/2	025	
<ul> <li>✓ 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)         <ul> <li>0.100% STANDARD - MUST READ BETWEEN 0.095% and 0.105% INCLUSIVE</li> <li>0.080% STANDARD - MUST READ BETWEEN 0.076% and 0.084% INCLUSIVE</li> <li>0.040% STANDARD - MUST READ BETWEEN 0.038% and 0.042% INCLUSIVE</li> </ul> </li> </ul>							
TEST 1 ★ .100	ST 2 <b>■</b> .100	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 TI	2313)		1			•	
,	(.0509) 0	(.1014) 0	(.1519)	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).							
Calibration check completed for .100 simulator solution.							
INSPECTING OFFICER	<b>原及果果的种</b>	的相位某种对数等	<b>学等等</b>	权制制			
SIGNATURE	PRINT NAME Sean P. Gomez						
TYPE II PERMIT NUMBER/EXPIRATION DATE  240259 12/13/2026			TELEPHONE NUMBER (816) 387-2345				
2-10200 12/10/2020							
Return completed report to the: Breath Alcohol Program, MO Department of Health and Senior Services, Southeast District Office by mail, fax, or email.							



#### CERTIFICATE OF ANALYSIS

Certified Alcohol Reference Solution for Simulator

Random Samples of Lot Number 23390 of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on October 18, 2023, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain 0.1207% (w/vol) ethyl alcohol. The expiration date for this lot number is October 17, 2025 at 11:59 PM.

When used in a calibrated Simulator, operating at 34°C +/- .2°C, this solution will give a breath alcohol analysis instrument reading of 0.100 g/210L +/- 3%.

The alcohol and water used in this solution were free of test interfering substances.

Ted L. Pauley, President GUTH LABORATORIES, INC.

NIST Traceability:

Testing was conducted using Cerilliant Reference Standard lot number FN03072301 whose values are traceable to NIST.

All balances are calibrated annually by an outside agency using NIST traceable weights. Calibration verification is done prior to each use utilizing NIST traceable weights.



#### STATE OF MISSOURI

DEPARTMENT OF HEALTH AND SENIOR SERVICES
BREATH ALCOHOL PROGRAM



# PERMIT TYPE II

SEAN P. GOMEZ

is hereby authorized to instruct and supervise operators, train instructors, inspect, calibrate, perform field service and repairs, and operate the following breath analyzer(s):

### ALCO-SENSOR IV WITH PRINTER

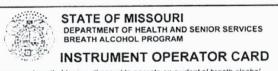
for the determination of the alcoholic content of blood from a 577.020 through 577.041, RSMo and 306.111 through 306.	sample of expired air. Permit issued under the provisions of sections 119 RSMo.
DATE12/13/2024	adam Huli
DATE	DIRECTOR STATE PUBLIC HEALTH LABORATORY
NUMBER 240259	

EXPIRES 12/13/2026

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

LAB 4 (R6 10)

MO 580-0771 (6:10)



The named cardholder is authorized to operate an evidential breath alcohol instrument for the determination of the alcoholic content in breath form of expired an in Missouri

Operator GOMEZ, SEAN

Permit No 240259

Date Issued 12/13/2024 Date Expires 12/13/2026

