

MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES STATE PUBLIC HEALTH LABORATORY

ALCO-SENSOR IV WITH PRINTER MAINTENANCE REPORT

REPORT #7

491/151										
Complete this report in dup Send copy to Department of							l whenev	ver instrument is	repaired.	
ALCO SENSOR IV SN 108272		NAME OF AGENCY Missouri State Highway Patrol					DATE OF INSPECTION 09/13/2024			
LOCATION OF INSTRUMENT (STREET AND CITY) 2201 I-70 Drive Northwest Columbia, Missouri 65202						TIME OF INSPECTION 6:25 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 ET							ETHANOL-GAS MIXTURE			
STANDARD SUPPLIER Guth LOT # 23180						EXP. DATE <u>05/17/2025</u>				
SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34.01 SIM. SN MP242						7 SIM. NIST EXP DATE <u>04/03/2025</u>				
 ✓ 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 ▼ 0.102		TEST 2 ▼ 0.100				TEST 3 0.101				
☑ 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 ((004) 0	(.0509)	0	(.1014)	1	(.1519)	1	(OVER .19)	2	
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 Performed (0.100)										
4	28									
		*								
INSPECTING OFFICER			75	E THE						
SIGNATURE A 1					PRINT NAME					
1 Par 1/5/					Trooper D. L. Holliday					
240204/ 09-06-2026					(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: 108272 Version no: 532B TEST RECORD 01384 Time 210L Air Blank: 09/13/24 18:30 .000 Calibration: 23 09/13/24 18:30 .100 Subject Name alibration Subject I.D. Calibration Operator Name, I.D. 2201 I-70 Drau Northwest Columbia Me 65202

AS IV Serial no: 108272 Version no: 532B TEST RECORD 01385 Date Air Blank: 09/13/24 18:33 .080 Calibration Check: 24 09/13/24 18:33 .102 Subject Name Acc Subject I.D. Operator Name, I.D. tolliday 240204 Location 2201 I-70 Drove Nothwest Colombianine 65202

AS IV Serial no: 188272 Version no: 532B TEST RECORD 01386 Time 210L 09/13/24 18:35 .000 Calibration Check: 25 09/13/24 18:35 .100 Subject Name Acc 2 Subject I.D. Hoc 2 Operator Name, I.D. Holliday 200204 2201 I-70 Dreu Nothwest Columbia, M 45202

AS IV Serial no: 188272 Version no: 532B TEST RECORD 01387 Temp Date Air Blank: 09/13/24 18:37 .000 Calibration Check: 26 09/13/24 18:37 .101 Subject Name Acc 3 Subject I.D. Operator Name, I.D. Holliday 240200 2201 I-70 Drow Northwest Colombic, 44 125202

AS IV Serial no: 108272 Version no: 532E TEST RECORD 01388 Time 210L Temp Date VOID: RFI 12 09/13/24 18:39 Subject Name DET Test Subject I.D. RFT Test Operator Name, I.D. Holliday 240 204 Location 2201 T-70 Drove Northwest Columbia my 125202



CERTIFICATE OF ANALYSIS

Certified Alcohol Reference Solution for Simulator

Random Samples of Lot Number 23180 of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on May 18, 2023, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain 0.1220% (w/vol) ethyl alcohol. The expiration date for this lot number is May 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 FN11172002 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 || DAVID L. HOLLIDAY

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, INTOX DMT

for the determination of the alcoholic content of blood from a sample of expired air. Permit issued under the provisions of sections

DATE 9/6/2024

NUMBER 240204

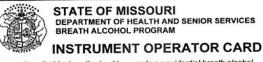
EXPIRES 9/6/2026

DATE 9/6/2026

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

MO 580-0771 (6-10)

LAB-4 (R6-10)



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

Operator HC

HOLLIDAY, DAVID

Permit No 240204

Date Issued 9/6/2024 Date Expires 9/6/2026

