





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

### ALCO-SENSOR IV WITH PRINTER MAINTENANCE REPORT

REPORT #7

METERS		
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 01/31/2025
LOCATION OF INSTRUMENT (STREET AND CITY) 2920 N. Shamrock Rd, Jefferson City		TIME OF INSPECTION 2:30 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	S	
☑ SIMULATOR SOLUTION		D ETHANOL-GAS MIXTURE
✓ STANDARD SUPPLIER Guth	LOT # 23390	EXP. DATE 10/17/2025
SIMULATOR TEMPERATURE (34°C ± 0.2°	°C) 33.99 SIM. SN MP231	6 SIM. NIST EXP DATE 10/03/2025
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	ST 2 .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 TESTS)		
REFUSALS D (004) D	(.0509)	(.1519) (OVER .19)
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).  Program Chip reseated in socket. Instrument calibrated prior to maintenance.		
INSPECTING OFFICER	the second second second second	
SIGNATURE		JIMMY L. CLEVELAND
TYPE II PERMIT NUMBER/EXPIRATION DATE 230082 / 05-03-2025		TELEPHONE NUMBER 573-751-472Z
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 00782

Temp Date Time 210L

Air Blank:
01/28/25 14:39 .000
Calibration:
24 01/28/25 14:39 .100

Subject Name

Quid Dizactor

Subject I.D.

Operator Name, I.D.

Location

2920 N.Shamaock

AS IV Serial no: 097401
Version no: 532B

TEST RECORD 00789

Temp Date Time 210L

Air Blank:
 01/31/25 14:57 .000
Calibration Check:
 23 01/31/25 14:57 .099

Subject Name
 Accl
Subject I.D.

Operator Name, I.D.
Location
2920 N. Showaxt

AS IV Serial no: 097401
Version no: 532B

TEST RECORD 00790

Temp Date Time 210L

Air Blank:
 01/31/25 15:08 .000
Calibration Check:
 23 01/31/25 15:08 .100

Subject Name
 Acc Z

Subject I.D.

Operator Name, I.D.

Location

2920 N. Shamaac

Serresow Che

TEST RECORD 00791

sy
Temp Date Time 210L

Air Blank:
01/31/25 15:20 .000

Calibration Check:
23 01/31/25 15:20 .100

Subject Name
Acc 3

Subject I.D.

Operator Name, I.D.
Location

2920 N. Shampood

Tenson Check

Subject Shampood

AS IV Serial no: 097401

Version no: 532B

AS IV Serial no: 097401
Version no: 532B

TEST RECORD 00792

Temp Date Time 210L

VOID: RFI
12 01/31/25 15:23

Subject Name

RFI - Test
Subject I.D.

Operator Name, I.D.
Location
2910 N. Shampock

Jeffenson City



#### 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



LAB-4

### PERMIT TYPE II

## JIMMY L. CLEVELAND

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

# ALCO-SENSOR IV WITH PRINTER, INTOX DMT

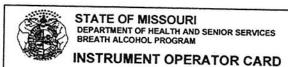
Mile Massur

for the determination of the alcoholic content of blood from a sample of expired air. Permit issued under the provisions of se 577.020 through 577.041, RSMo and 306.111 through 306.119 RSMo.

State Designation and Control of the	DIRECTOR OF STATE OVER 10 VIEW
NUMBER 230082	DIRECTOR OF STATE PUBLIC HEALTH LABORATORY
(2)	D. a In a
EXPIRES 5/3/2025	1 Daves I. nechelson
AO 580-0771 /6-18)	DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

WC 360-0771 (6-10)

DATE \_\_\_\_5/3/2023



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

Operator CLEVELAND, JIMMY

Permit No 230082

Date Issued 5/3/2023 Date Expires 5/3/2025

