

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

# RECEIVED By Tracy Crews at 7:41 am, Nov 18, 2024

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

REPORT #7

Complete this report in dupl					check, and	wheneve	er instrument is	repaired.
Send copy to Department of	Health and Senior	r Services; retain orig	inal in departmen	it file.				
ALCO SENSOR IV SN 102459	NAME OF AGENCY Missouri State Highway Patrol					DATE OF INSPECTION 11/08/2024		
LOCATION OF INSTRUMENT (STREET AND CITY)  Troop F, Zone 9 Zone Office, 1201 Route O, Fulton MO					9:05 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 LOT # 23390 EXP. DATE 10/17/2025								
SIMULATOR TEMPERA	ATURE (34°C ± 0.2	2°C) 34.01 S	IM. SN MP	2148	_ SIM. NI	IST EXP	DATE 11/06/2	7025 202417
<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)         </li> <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>								
TEST 1 <b>▼</b> .101	Т	EST 2101			TEST 3   .102			
☑ 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	004)	(.0509) 0	(.1014)	0 (.1	1519)	0	(OVER .19)	0
List any new parts and des established limits (use other calibrated time for dls			was made to res	store the i	nstrument to	o operate	e satisfactorily a	and within
INSPECTING OFFICER SIGNATURE TYPE II PERMIT NUMBER/EXPIRATION	I DATE			Ma	T NAME Arylyn Dicke	1		
Return completed report		cohol Program, MO Dax, or email.	epartment of Hea		73) 751-100 enior Service		heast District O	ffice

AS IV Serial no: 102459 Version no: 532B TEST RECORD 00911 Temp Date Time 210L Air Blank: 11/08/24 21:05 .000 Calibration Check: 20 11/08/24 21:05 .101 Subject Name Test 1 Subject I.D. Operator Name, I.D. Dickens 230251 Location 18000 F Zave AS IV Serial no: 102459 Version no: 532B TEST RECORD 00912 9/ Temp Date Time 210L 11/08/24 21:06 .000 Calibration Check: 21 11/08/24 21:06 .101 Subject Name Test 2 Subject I.D. Operator Name, I.D. Dickens 230251 Location Houp F Zone 9

AS IV Serial no: 102459 Version no: 532B TEST RECORD 00913 Temp Date Time 210L Air Blank: 11/08/24 21:08 .000 Calibration Check: 🛌 21 11/08/24 21:08 .102 Subject Name lest 3 Subject I.D. Operator Name, I.D. Dickens 230254 Location Troop F Zare 9 AS IV Serial no: 102459 Version no: 532B TEST RECORD 00914 Temp Date Time 210L VOID: RFI 12 11/08/24 21:09 Subject Name RFI Subject I.D. Operator Name, I.D. Dideens 23025 Location 1200 F Zone



#### 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

## **MARYLYN A. DICKENS**

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

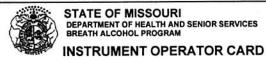
### ALCO-SENSOR IV WITH PRINTER, INTOX DMT

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

517.525 tillough 617.5 till till till till till till till til	Mile Masson
DATE11/7/2023	
	DIRECTOR OF STATE PUBLIC HEALTH LABORATORY
NUMBER 230251	
NOWDER ZOUZO	Davla I. nichelson
EXPIRES 11/7/2025	
	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 a in Missouri.

Operator DICKENS, MARYLYN

Permit No 230251 Date Issued 11/7/2023

Date Expires 11/7/202

