

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

# RECEIVED By Tracy Crews at 8:15 am, Oct 02, 2023

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

REPORT #7

- Despera						
Complete this report in d Send copy to Departmen					ever instrument is repaired.	
ALCO SENSOR IV SN 097444		NAME OF AGENCY Missouri State Hi	ghway Patrol		F INSPECTION /2023	
LOCATION OF INSTRUMENT (STREET AND CITY) 1005 Spring Park Blvd, Mount Vernon, Missouri, 65712				TIME OF 8:30 p	INSPECTION OM	
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 SUPPL	IER Guth Laborato	ries Inc. L	OT # <u>23180</u>	EXP. DATE 05/17	/2025	
✓ SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34.03 SIM. SN MP2423 SIM. NIST EXP DATE 12/12/2023						
<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> .102	-	TEST 2   .103		TEST 3   .103		
✓ RFI DETECTOR OPI	ERATING					
INDICATE THE NUMBER OF BREATH TESTS IN THE FOLLOWING RANGES SINCE THE LAST MAINTENANCE REPORT: (DO NOT INCLUDE SELF-ADMINISTERED TESTS)						
REFUSALS	(004)	(.0509)	(.1014) 3	(.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).						
	15					
INSPECTING OFFICER		PRINT NAME	PRINT NAME			
SIGNATURE Water	#941	Austin Royster				
TYPE II PERUIT NUMBER/EXPIRATION DATE 230013 01/24/2025				TELEPHONE NUMBER (417) 895-6868		
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: 097444 Version no: 532B TEST RECORD 00559 210L Temp Date Time Air Blank: 09/14/23 20:39 .000 Calibration Check: 22 09/14/23 20:39 .102 Subject Name Subject I.D. NIA Operator Name, I.D. Austin Royster 230013 Location 1005 Spring Park BN

Mt. Vernon, MO 65712

AS IV Serial no: 097444 Version no: 532B TEST RECORD 90560 Date Time 210L Air Blank: 09/14/23 20:42 .000 Calibration Check: 22 09/14/23 20:42 .103 Subject Name Acc #2 Subject I.D. NIA Operator Name, I.D. Austin Royster 230013 Location 1005 Spring Park Blod

Mt. Vernon, MO 65712

AS IV Serial no: 097444 Version no: 532B TEST RECORD 00561 Date Time 210L Air Blank: 09/14/23 20:45 .000 Calibration Check: 23 09/14/23 20:45 .103 Subject Name Acc #3 Subject I.D. NIA Operator Name, I.D. Austin Royster 230013 Location 1005 Spring Park Blad. Mt. Vernon, Mo 65712

AS IV Serial no: 097444 Version no: 532B TEST RECORD 00562 Time 210L Date Temp UOID: RFI 12 09/14/23 20:46 Subject Name RFI Check Subject I.D. Operator Name, I.D. 230013 Austin Royster Location 1005 Spring Park Blod. Ma. Vernon, Mo 65712



#### 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 II

### **AUSTIN ROYSTER**

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.

DATE	1/24/2023	Wike Hassur
DAIL		DIRECTOR OF STATE PUBLIC HEALTH LABORATORY
NUMBER	230013	Daves I. nichelson
EXPIRES	1/24/2025	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 ai in Missouri.

Operator RC Permit No 230

ROYSTER, AUSTIN

Permit No 230013 Date Issued 1/24/2023

Date Expires 1/24/2025

