

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

# RECEIVED By Tracy Crews at 8:35 am, Jun 10, 2024

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

REPORT #7

*17771					
Complete this report in duplicate at the time send copy to Department of Health and Seni	7.0			henever instrument is repaired.	
ALCO SENSOR IV SN 111743	NAME OF AGENCY Missouri State Highway Patrol			TE OF INSPECTION 6/08/2024	
LOCATION OF INSTRUMENT (STREET AND CITY) 6012 NE Antioch Road, Gladstone, MO 6		50000	ME OF INSPECTION 15 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 # 23180 EXP. DATE 05/17/2025					
✓ SIMULATOR TEMPERATURE (34°C ± 0)	.2°C) <u>34.00</u> SIN	м. SNMP242	4 SIM. NIS	T EXP DATE 11/27/2024	
<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)         ✓ 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     </li> </ul>					
TEST 1     .096	TEST 2 <b>☞</b> .095		TEST 3 • .095		
☑ 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) 0	(.1519) 1	(OVER .19) 0	
List any new parts and describe any alteration	n or modification that w	vas made to restore	the instrument to c	pperate satisfactorily and within	
established limits (use other side if necessary	).				
INSPECTING OFFICER			DOINT NAME		
SIGNATURE			CPL. B. E. THOMAN #1256		
ТУРЕ II PERMIT NUMBER/EXPIRÁTIÓN DATE 220146 05/16/2024			(816) 622-0800		
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: 111743 Version no: 532B

TEST RECORD - REPRINT

TEST RECORD 00839

Temp Date Time 210L

mir Elank: 86/88/24 21:16 .000 Calibration Check:

Subject Name

MAINT TEST 41 Bubliset I.D.

Deerator Name, [.D.

B.E. THORAN 24011

CLAY CO. Z. 0-

AS IV Serial no: 111743 Version no: 532B

TEST RECORD 00840

Temp Date Time 210L

Air Blank: 06/08/24 21:20 .000 Calibration Check: 23 06/08/24 21:20 .095

Subject Name

MAINT TEST # Z

Operator Name, I.D.

BETHOMAN 24011

CLAY (0.2.0)

AS IV Serial no: 111743 Version no: 532B

TEST RECORD 00841

Temp Date Time 218L

Air Elank: 86/88/24 21:22 .000 Calibration Check: 23 86/88/24 21:22 .095

Subject Name

MAINT 1657 #3

BETHONAN 24011 Location CLTY (0-20

AS IV Serial no: 111743 Version no: 532B

TEST RECORD 00942

Temp Date Time 210L

VOID: RFI 12 06/08/24 21:26

Subject Name

RFI TEST

BE THOTAN 24011 Location CLAY (0.20 2



#### CERTIFICATE OF ANALYSIS

Certified Alcoho 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 Certifiant Reference Standard for 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

## **BRUCE E. THOMAN**

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

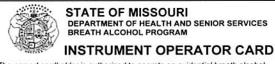
### ALCO-SENSOR IV WITH PRINTER, INTOX DMT

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.

DATE5/21/2024	Mike Massur			
DATE	DIRECTOR OF STATE PUBLIC HEALTH LABORATORY			
NUMBER 240111				
EXPIRES 5/21/2026	Daves J. Michaelson			
Valuati Madalesta	DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES			
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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 air in Missouri.

Operator THOMAN, BRUCE

Permit No 240111

Date Issued 5/21/2024 Date Expires 5/21/2026

