

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

## **RECEIVED** By Tracy Crews at 10:03 am, Oct 04, 2024

### ALCO-SENSOR IV WITH PRINTER MAINTENANCE REPORT

REPORT #7

ALLES .									
Complete this report in dupli Send copy to Department of							whenev	er instrument is	repaired.
ALCO SENSOR IV SN 111648	NAME OF AGENCY Missouri State Highway Patrol					DATE OF INSPECTION 10/04/2024			
LOCATION OF INSTRUMENT (STREET AND CITY) 891 Technology Drive, Weldon Spring (Mobile Instrument)						TIME OF INSPECTION 2:39 am			
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 Laboritories, INC LOT # 23390 EXP. DATE 10/17/2025									
✓ SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34.00 SIM. SN MP2319 SIM. NIST EXP DATE 01/16/2025									
<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 <b>▼</b> 0.100		TEST 2 <b>▼</b> 0.100				TEST 3 <b>▼</b> 0.100			
☑ RFI DETECTOR OPERATING									
INDICATE THE NUMBER OF BREATH TESTS IN THE FOLLOWING RANGES SINCE THE LAST MAINTENANCE REPORT: (DO NOT INCLUDE SELF-ADMINISTERED TESTS)									
	04) 0	1	0	(.1014)	0	(.1519)	0	(OVER .19)	0
List any new parts and description established limits (use other			n that w	vas made to	restore	the instrument	o operat	e satisfactorily a	nd within
INSPECTING OFFICER						THE REAL PROPERTY.			
SIGNATURE CYN						Trooper Clay Robert Knox			
Permit #240025, Expires 01/26/2026						TELEPHONE NUMBER (636) 300-2800			
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: 111648
Version no: 532B

TEST RECORD 00556

Temp Date Time 210L

Air Blank:
10/04/24 02:39 .000
Calibration Check:
23 10/04/24 02:39 .100

Subject Name

MALAT

Subject I.D.

Operator Name, I.D.

C. Khoy 240025
Location
Troop C HQ

AS IV Serial no: 111648
Version no: 532B

TEST RECORD 00559

Temp Date Time 210L

Air Blank: 10/04/24 82:47 .000
Calibration Check: 24 10/04/24 82:47 .100

Subject Name

Maih

Subject I.D.

Operator Name, I.D.

Location

Troop

AS IV Serial no: 111648
Version no: 532B

TEST RECORD 00558

Temp Date Time 210L

Air Blank:
10/04/24 02:46 .000
Calibration Check:
23 10/04/24 02:46 .100

Subject Name
Ma.ht

Subject I.D.

Operator Name, I.D.

C.Khox 24005
Location
Troop C. HQ

AS IV Serial no: 111648
Version no: 532B

TEST RECORD 00560

Yemp Date Time 210L

UOID: RFI
12 10/04/24 02:49

Subject Name

Main +

Subject I.D.

Operator Name, I.D.

( Khox J400 J

Location

TEGO ( H A)



#### 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 TYPE II

# **CLAY KNOX**

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

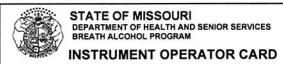
# ALCO-SENSOR IV WITH PRINTER, INTOX DMT

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.

DATE1/26/2024	White Wassin
	DIRECTOR OF STATE PUBLIC HEALTH LABORATORY
NUMBER 240025	Daves J. Nichelson
EXPIRES 1/26/2026	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 ai in Missouri.

Operator KNOX, CLAY Permit No 240025

Date Issued 1/26/2024 Date Expires 1/26/2026

