



MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES
 STATE PUBLIC HEALTH LABORATORY
ALCO-SENSOR IV WITH PRINTER MAINTENANCE REPORT

RECEIVED
 BY: Tracy Green at 8:09 am, May 20, 2024

REPORT #7

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 Nixa 107987	NAME OF AGENCY Nixa Police Department	DATE OF INSPECTION 05/20/2024
LOCATION OF INSTRUMENT (STREET AND CITY) 715 W Center Circle, Nixa, MO 65714		TIME OF INSPECTION 1:05 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

<input checked="" type="checkbox"/> SIMULATOR SOLUTION	<input type="checkbox"/> COMPRESSED ETHANOL-GAS MIXTURE
<input checked="" type="checkbox"/> STANDARD SUPPLIER <u>Guth Laboratories</u>	LOT # <u>23390</u> EXP. DATE <u>10/17/2025</u>
<input checked="" type="checkbox"/> SIMULATOR TEMPERATURE (34°C ± 0.2°C) <u>34.0</u>	SIM. SN <u>MP 5537</u> SIM. NIST EXP DATE <u>07/19/2024</u>

- 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

TEST 1 ← .100	TEST 2 ← .099	TEST 3 ← .099
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- 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-.04)	0	(.05-.09)	0	(.10-.14)	0	(.15-.19)	0	(OVER .19)	0
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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).

INSPECTING OFFICER	
SIGNATURE 	PRINT NAME Sgt. J Barton
TYPE II PERMIT NUMBER/EXPIRATION DATE 230030 02/17/2025	TELEPHONE NUMBER (417) 725-2510

Return completed report to the: Breath Alcohol Program, MO Department of Health and Senior Services, Southeast District Office by mail, fax, or email.

Nixa Police Department

Calibration Check slip's

AS IV Serial no: 107987
Version no: 532B

TEST RECORD 02197

Temp Date Time ^{s/} 210L

Air Blank:
05/20/24 01:08 .000
Calibration Check:
28 05/20/24 01:08 .100

Subject Name

TEST 1

Subject I.D.

Operator Name, I.D.

[Signature] 403

Location

AS IV Serial no: 107987
Version no: 532B

TEST RECORD 02198

Temp Date Time ^{s/} 210L

Air Blank:
05/20/24 01:10 .000
Calibration Check:
28 05/20/24 01:10 .099

Subject Name

TEST 2

Subject I.D.

Operator Name, I.D.

[Signature] 403

Location

AS IV Serial no: 107987
Version no: 532B

TEST RECORD 02199

Temp Date Time ^{s/} 210L

Air Blank:
05/20/24 01:12 .000
Calibration Check:
28 05/20/24 01:12 .099

Subject Name

TEST 3

Subject I.D.

Operator Name, I.D.

[Signature] 403

Location

Nixa Police Department

RFI Evidence slip

AS IV Serial no: 107987
Version no: 532B

TEST RECORD 02200

Temp Date Time 9/
210L

VOID: RFI
12 05/20/24 01:13

Subject Name
RFI

Subject I.D.

Operator Name, I.D.
[Signature] 403

Location

Nixa Police Department

Blank (Zero) test Evidence slip

AS IV Serial no: 107987			
Version no: 532B			
TEST RECORD 02201			
Temp	Date	Time	s/ 210L

Air Blank:			
	05/20/24	01:15	.000
Subject Test: Auto			
	28 05/20/24	01:15	.000

Subject Name			
<u>BLANK</u>			
Subject I.D.			

Operator Name, I.D.			
<u>[Signature]</u> 403			
Location			



GUTH LABORATORIES, INC.

690 NORTH 67th STREET • HARRISBURG, PA 17111-4611 • TELEPHONE: 717-584-6470

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 $34^{\circ}\text{C} \pm .2^{\circ}\text{C}$, this solution will give a breath alcohol analysis instrument reading of 0.100 g/210L \pm 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**

JOSHUA C. BARTON

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

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 2/17/2023

NUMBER 230030

EXPIRES 2/17/2025

Mike Mason

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

David J. Nielson

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

MO 580 0771 (6-10)

LAB 4 (16-10)



STATE OF MISSOURI
DEPARTMENT OF HEALTH AND SENIOR SERVICES
BREATH ALCOHOL PROGRAM

INSTRUMENT OPERATOR CARD

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 BARTON, JOSHUA
Permit No 230030
Date Issued 2/17/2023 Date Expires 2/17/2025

