



MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES
STATE PUBLIC HEALTH LABORATORY

ALCO-SENSOR IV WITH PRINTER MAINTENANCE REPORT

RECEIVED

By Tracy Crews at 8:56 am, Mar 28, 2022

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 111770	NAME OF AGENCY Missouri State Highway Patrol	DATE OF INSPECTION 03/17/2022
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LOCATION OF INSTRUMENT (STREET AND CITY) 2920 N. Shamrock Rd, Jefferson City	TIME OF INSPECTION 7:48 am
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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 LOT # 21190 EXP. DATE 06/08/2023

☒ SIMULATOR TEMPERATURE (34°C ± 0.2°C) 33.99 SIM. SN MP2316 SIM. NIST EXP DATE 12/17/2022

☒ 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 .101

TEST 3 .101

☒ 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).

Pivot arm screw adjusted and Instrument calibrated.

INSPECTING OFFICER

SIGNATURE 	PRINT NAME Jimmy L. Cleveland
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TYPE II PERMIT NUMBER/EXPIRATION DATE 210096 / 05-18-2023	TELEPHONE NUMBER (573) 751-4722
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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: 111770
Version no: 532B

TEST RECORD 00244

Temp Date Time 210L

Air Blank:
03/17/22 07:48 .000
Calibration:
23 03/17/22 07:48 .100

Subject Name
Jimmy L. Cal
Subject I.D.

Operator Name, I.D.
Jimmy L. Cleveland
Location
2920 N. Shamrock Rd
Jefferson City

AS IV Serial no: 111770
Version no: 532B

TEST RECORD 00245

Temp Date Time 210L

Air Blank:
03/17/22 08:12 .000
Calibration Check:
24 03/17/22 08:12 .100

Subject Name
Acc 1
Subject I.D.

Operator Name, I.D.
Jimmy L. Cleveland
Location
2920 N. Shamrock Rd
Jefferson City

AS IV Serial no: 111770
Version no: 532B

TEST RECORD - REPRINT

TEST RECORD 00246

Temp Date Time 210L

Air Blank:
03/17/22 08:18 .000
Calibration Check:
24 03/17/22 08:18 .101

Subject Name
Acc 2
Subject I.D.

Operator Name, I.D.
Jimmy L. Cleveland
Location 2920 N. Shamrock
Jefferson City

AS IV Serial no: 111770
Version no: 532B

TEST RECORD 00247

Temp Date Time 210L

Air Blank:
03/17/22 08:23 .000
Calibration Check:
24 03/17/22 08:23 .101

Subject Name
Acc 3
Subject I.D.

Operator Name, I.D.
Jimmy L. Cleveland
Location
2920 N. Shamrock Rd
Jefferson City

AS IV Serial no: 111770
Version no: 532B

TEST RECORD 00248

Temp Date Time 210L

VOID: RFI
12 03/17/22 08:25

Subject Name
RFI Test
Subject I.D.

Operator Name, I.D.
Jimmy L. Cleveland
Location
2920 N. Shamrock Rd
Jefferson City



GUTH LABORATORIES, INC.

590 NORTH 67th STREET • HARRISBURG, PA 17111-4511 • TELEPHONE: 717-564-5470

CERTIFICATE OF ANALYSIS

Certified Alcohol Reference Solution for Simulator

Random Samples of Lot Number **21190** of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on **June 9, 2021**, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain **0.1206%** (w/vol) ethyl alcohol. The expiration date for this lot number is **June 8, 2023** 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 **FN03052002** 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

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PERMIT
TYPE II
JIMMY L. CLEVELAND

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 5/18/2021

NUMBER 210096

EXPIRES 5/18/2023

MO 580-0771 (6-10)

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

LAB-4 (R5-10)

	STATE OF MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES BREATH ALCOHOL PROGRAM
	INSTRUMENT OPERATOR CARD
<small>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.</small>	
Operator CLEVELAND, JIMMY	
Permit No 210096	
Date Issued 5/18/2021 Date Expires 5/18/2023	