



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

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 105446	NAME OF AGENCY LONE JACK PD	DATE OF INSPECTION 02/11/2021
LOCATION OF INSTRUMENT (STREET AND CITY) 401 N BYNUM RD, LONE JACK, MO. 64070		TIME OF INSPECTION 1:13 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 # 19160 EXP. DATE 07/09/2021

SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34.0 SIM. SN SD2238 SIM. NIST EXP DATE 05/28/2021

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 ← 0.096%      TEST 2 ← 0.095%      TEST 3 ← 0.095%

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	(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: [Signature] #372      PRINT NAME: **ZACHARY ARGETSINGER**

TYPE II PERMIT NUMBER/EXPIRATION DATE: 290072 03/18/2021      TELEPHONE NUMBER: (816) 697-2417

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: 185446  
Version no: 532B

TEST RECORD 00819

Temp	Date	Time	s/210L
Air Blank:			
	02/11/21	13:20	.000
Calibration Check:			
	24 02/11/21	13:20	.095

Subject Name  
Test #3  
Subject I.D.

Operator Name, I.D.

Argetsinger 372  
Location

401 N. Bynum

Lone Jack, MO

AS IV Serial no: 185446  
Version no: 532B

TEST RECORD 00818

Temp	Date	Time	s/210L
Air Blank:			
	02/11/21	13:17	.000
Calibration Check:			
	23 02/11/21	13:17	.095

Subject Name  
Test #2  
Subject I.D.

Operator Name, I.D.

Argetsinger 372  
Location

401 N. Bynum

Lone Jack, MO

AS IV Serial no: 185446  
Version no: 532B

TEST RECORD 00817

Temp	Date	Time	s/210L
Air Blank:			
	02/11/21	13:15	.000
Calibration Check:			
	22 02/11/21	13:15	.096

Subject Name  
Test #1  
Subject I.D.

Operator Name, I.D.

Argetsinger 372  
Location

401 N. Bynum

Lone Jack, MO

AS IV Serial no: 185446  
Version no: 532B

TEST RECORD 00816

Temp	Date	Time	s/210L
Air Blank:			
	02/11/21	13:13	.000
Calibration Check:			
	22 02/11/21	13:13	.088

Subject Name  
Dig Readout  
Subject I.D.

Operator Name, I.D.

Argetsinger 372  
Location

401 N. Bynum

Lone Jack, MO

AS IV Serial no: 185446  
Version no: 532B

TEST RECORD 00820

Temp	Date	Time	s/210L
VOID: RFI			
	12 02/11/21	13:21	

Subject Name  
RFI Test

Subject I.D.

Operator Name, I.D.

Argetsinger 372  
Location

401 N. Bynum

Lone Jack, MO



# GUTH LABORATORIES, INC.

590 NORTH 67th STREET • HARRISBURG, PA 17111-4511 • TELEPHONE: 717-654-6470

## CERTIFICATE OF ANALYSIS

Certified Alcohol Reference Solution for Simulator

Random Samples of Lot Number 19160 of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on July 10, 2019, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain 0.1202% (w/vol) ethyl alcohol. The expiration date for this lot number is July 9, 2021 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 FN04271602 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**  
**ZACHARY A ARGETSINGER**

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 3/18/2019

NUMBER 290072

EXPIRES 3/18/2021

MD 680-0771 (6-10)

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

LAB-1 (RG-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 ARGETSINGER, ZACHARY  
Permit No 290072  
Date Issued 3/18/2019 Date Expires 3/18/2021