



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

RECEIVED
 10/19/2021 12:59 PM

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 105443	NAME OF AGENCY Raymore Police Department	DATE OF INSPECTION 10/19/2021
LOCATION OF INSTRUMENT (STREET AND CITY) 100 Municipal Circle Raymore, Missouri 64083		TIME OF INSPECTION 6:15 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 Laboratories, Inc. LOT # 20420 EXP. DATE 09/22/2022

SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34.0 SIM. SN SD2256 SIM. NIST EXP DATE 09/15/2022

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 .100

TEST 3 .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)**

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
 Joshua Giacone

TYPE II PERMIT NUMBER/EXPIRATION DATE
 200151 04/06/2022

TELEPHONE NUMBER
 (816) 331-0530

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: 105443
Version no: 532B

TEST RECORD 01156

Temp Date Time ^{g/} 210L

Air Blank:
10/19/21 06:29 .000
Calibration Check:
26 10/19/21 06:29 .100

Subject Name

Maintenance

Subject I.D.

Operator Name, I.D.

J. Giacone #200151

Location

Ratmore P.D.

AS IV Serial no: 105443
Version no: 532B

TEST RECORD 01157

Temp Date Time ^{g/} 210L

Air Blank:
10/19/21 06:30 .000
Calibration Check:
27 10/19/21 06:30 .100

Subject Name

Maintenance

Subject I.D.

Operator Name, I.D.

J. Giacone #200151

Location

Ratmore P.D.

AS IV Serial no: 105443
Version no: 532B

TEST RECORD 01158

Temp Date Time ^{g/} 210L

Air Blank:
10/19/21 06:32 .000
Calibration Check:
27 10/19/21 06:32 .100

Subject Name

Maintenance

Subject I.D.

Operator Name, I.D.

J. Giacone #200151

Location

Ratmore P.D.

AS IV Serial no: 105443
Version no: 532B

TEST RECORD 01159

Temp Date Time ^{g/} 210L

VOID: RFI
12 10/19/21 06:34

Subject Name

Maintenance

Subject I.D.

Operator Name, I.D.

J. Giacone #200151

Location

Ratmore P.D.



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 **20420** of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on **September 23, 2020**, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain **0.1208%** (w/vol) ethyl alcohol. The expiration date for this lot number is **September 22, 2022** 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 **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.



SIMULATOR CERTIFICATION REPORT

SIMULATOR INFORMATION

Simulator Serial Number: SD2256 **Manufacturer:** Guth
Model Number: 10-4D
Agency: RAYMORE PD
Agency Address: 100 MUNICIPAL CIRCLE, RAYMORE, MO 64083

NIST THERMOMETER INFORMATION

Serial Number: 17KMM00690 **Bias:** 0.00
Uncertainty: 0.02
Date of Certification: 11/6/2020 **Date of Expiration:** 11/6/2021

ENVIRONMENTAL CONDITIONS

The environmental conditions during testing are within the tolerances of DHSS BAP method 3.

VERIFICATION RESULTS

<u>Simulator Average</u>	<u>NIST Average</u>	<u>Combined Uncertainty</u>
34.00	33.97	.06

The combined uncertainty is calculated with a k=2 value.

ADJUSTMENT RESULTS

No adjustment was needed.

Date of testing: 9/15/2021
Certification Expiration: 9/15/2022
Simulator testing technician: M. BOND

Notes on Condition: none

Deviation(s) from method: none

DHSS BAP Scientist Approving: B. LUTMER
Certification No: SD2256_9152021

X

DHSS BAP Scientist Approving



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

2

PERMIT
TYPE II
JOSHUA B GIACONE

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 EC/IR II


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 4/6/2020

NUMBER 200151

EXPIRES 4/6/2022

MO 580-0771 (5-10)


 DIRECTOR OF STATE PUBLIC HEALTH LABORATORY


 DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

LAB-4 (R6-10)



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 GIACONE, JOSHUA
Permit No 200151
Date Issued 4/6/2020 **Date Expires** 4/6/2022



AS IV Serial no: 105443
Version no: 532B

TEST RECORD 01153

Temp Date Time ^{s/} 210L

Air Blank:
10/19/21 06:16 .000
Calibration Check:
23 10/19/21 06:16 .096

Subject Name

Maintenance

Subject I.D.

Operator Name, I.D.

J. Giacore #200151

Location

Raymore P.D.

AS IV Serial no: 105443
Version no: 532B

TEST RECORD 01154

Temp Date Time ^{s/} 210L

Air Blank:
10/19/21 06:17 .000
Calibration Check:
24 10/19/21 06:17 .096

Subject Name

Maintenance

Subject I.D.

Operator Name, I.D.

J. Giacore #200151

Location

Raymore P.D.

AS IV Serial no: 105443
Version no: 532B

TEST RECORD 01155

Temp Date Time ^{s/} 210L

Air Blank:
10/19/21 06:27 .000
Calibration:
26 10/19/21 06:27 .100

Subject Name

Calibration

Subject I.D.

Operator Name, I.D.

J. Giacore #200151

Location

Raymore P.D.