



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

RECEIVED
 By Tracy Crews at 8:09 am, Sep 28, 2021

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 030810	PRINTER SN 84.9324.143	DATE OF INSPECTION 09/27/2021
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LOCATION OF INSTRUMENT (STREET AND CITY) 1207 South Main Street El Dorado Springs	TIME OF INSPECTION 3:57 pm
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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 Laboratories Inc LOT # 20420 EXP. DATE 09/22/2022

SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34.00 SIMULATOR SN MP2946 SIMULATOR EXP DATE 02/22/2022

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 .098	TEST 2 .098	TEST 3 .098
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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).

After unintentional damage on September 17, 2021, the instrument received repairs from the Safety Center, by Matt Bond.

INSPECTING OFFICER

SIGNATURE 	PRINT NAME Jarrod Schiereck
TYPE II PERMIT NUMBER/EXPIRATION DATE 200225/08/13/2022	TELEPHONE NUMBER (417) 876-2313

Return completed report to the: Breath Alcohol Program, MO Department of Health and Senior Services, Southeast District Office
 2875 James Boulevard
 Poplar Bluff, MO 63901

AS IV Serial no: 030810
Version no: 532B

TEST RECORD 00402

Temp Date Time ^{s/} 210L

Air Blank:
09/27/21 15:57 .000
Subject Test: Auto
26 09/27/21 15:57 .098

Subject Name
BLANK TEST
Subject I.D.

Operator Name, I.D. 109
Jared Schierack
Location
1207 SOUTH MAIN
El Dorado Springs

AS IV Serial no: 030810
Version no: 532B

TEST RECORD 00403

Temp Date Time ^{s/} 210L

Air Blank:
09/27/21 15:58 .000
Calibration Check:
26 09/27/21 15:58 .098

Subject Name
TEST #1
Subject I.D.

Operator Name, I.D. 109
Jared Schierack
Location
1207 SOUTH MAIN
El Dorado Springs

AS IV Serial no: 030810
Version no: 532B

TEST RECORD 00404

Temp Date Time ^{s/} 210L

Air Blank:
09/27/21 16:00 .000
Calibration Check:
26 09/27/21 16:00 .098

Subject Name
TEST #2
Subject I.D.

Operator Name, I.D. 109
Jared Schierack
Location
1207 SOUTH MAIN
El Dorado Springs

AS IV Serial no: 030810
Version no: 532B

TEST RECORD 00405

Temp Date Time ^{s/} 210L

Air Blank:
09/27/21 16:02 .000
Calibration Check:
26 09/27/21 16:02 .098

Subject Name
TEST #3
Subject I.D.

Operator Name, I.D. 109
Jared Schierack
Location
1207 SOUTH MAIN
El Dorado Springs

AS IV Serial no: 030810
Version no: 532B

TEST RECORD 00406

Temp Date Time ^{s/} 210L

VOID: RFI
12 09/27/21 16:03

Subject Name
R.F.I. TEST
Subject I.D.

Operator Name, I.D. 109
Jared Schierack
Location
1207 SOUTH MAIN
El Dorado Springs



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.

