



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

RECEIVED
 BY: [unclear] DATE: 01/21/2020

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 030794	PRINTER SN 84.9324.031	DATE OF INSPECTION 01/21/2020
LOCATION OF INSTRUMENT (STREET AND CITY) 1781 Zumbel Road, St. Charles, MO 63303		TIME OF INSPECTION 9:13 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 # 18070 EXP. DATE 02/26/2020
- SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34.0°C SIMULATOR SN SD2248 SIMULATOR EXP DATE 05/22/2020

- 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 ← .097	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	2	(0-.04)	0	(.05-.09)	0	(.10-.14)	1	(.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).

N/A

INSPECTING OFFICER	
SIGNATURE [Signature] #445	PRINT NAME Stephen Gresham
TYPE II PERMIT NUMBER/EXPIRATION DATE 290245 10/16/2021	TELEPHONE NUMBER (636) 949-3300

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



GUTH LABORATORIES, INC.

690 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 **18070** of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on **February 28, 2018**, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain **0.1219%** (w/vol) ethyl alcohol. The expiration date for this lot number is **February 26, 2020** 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 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**

STEPHEN L GRESHAM

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 10/16/2019

NUMBER 290245

EXPIRES 10/16/2021

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES



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 GRESHAM, STEPHEN
 Permit No 290245
 Date Issued 10/16/2019 Date Expires 10/16/2021



AS IV Serial no: 030794
Version no: 004C

TEST RECORD 01837

Temp	Date	Time	s/ 210L
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Air Blank:
01/21/20 21:13 .000
Calibration Check:
21 01/21/20 21:13 .098

Subject Name
TEST # 1
Subject I.D.

Operator Name, I.D.
GRESHAM 290245
Location
1781 ZUMBEL ROAD
ST. CHARLES, MO 63303

AS IV Serial no: 030794
Version no: 004C

TEST RECORD 01838

Temp	Date	Time	s/ 210L
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Air Blank:
01/21/20 21:14 .000
Calibration Check:
22 01/21/20 21:14 .097

Subject Name
TEST # 2
Subject I.D.

Operator Name, I.D.
GRESHAM 290245
Location
1781 ZUMBEL ROAD
ST. CHARLES, MO 63303

AS IV Serial no: 030794
Version no: 004C

TEST RECORD 01839

Temp	Date	Time	s/ 210L
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Air Blank:
01/21/20 21:16 .000
Calibration Check:
22 01/21/20 21:16 .098

Subject Name
TEST # 3
Subject I.D.

Operator Name, I.D.
GRESHAM 290245
Location
1781 ZUMBEL ROAD
ST. CHARLES, MO 63303

AS IV Serial no: 030794
Version no: 004C

TEST RECORD 01840

Temp	Date	Time	s/ 210L
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Void: RFI
12 01/21/20 21:17

Subject Name
RFI TEST
Subject I.D.

Operator Name, I.D.
GRESHAM 290245
Location
1781 ZUMBEL ROAD
ST. CHARLES, MO 63303