



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

RECEIVED
 By Carol Day at 8:30 am, Jun 22, 2015

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 030808	PRINTER SN 096.3580.563	DATE OF INSPECTION 06/21/2015
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LOCATION OF INSTRUMENT (STREET AND CITY) 350 East High Street, Jefferson City	TIME OF INSPECTION 12:44 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) 23°C - 25°C
- PRINTER WORKING PROPERLY
- TIME AND DATE DISPLAYING PROPERLY

BREATH ALCOHOL ACCURACY STANDARDS

- SIMULATOR SOLUTION COMPRESSED ETHANOL-GAS MIXTURE
- STANDARD SUPPLIER Guth Laboratories LOT # 14220 EXP. DATE 09/24/2016
- SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34.0 SIMULATOR SN SD3137 SIMULATOR EXP DATE 07/15/2015

- 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 <u>.099</u>	TEST 2 <u>.099</u>	TEST 3 <u>.099</u>
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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	<u>1</u>	(0-.04)	<u>0</u>	(.05-.09)	<u>4</u>	(.10-.14)	<u>4</u>	(.15-.19)	<u>0</u>	(OVER .19)	<u>0</u>
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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).

Instrument operates within established limits.

INSPECTING OFFICER

SIGNATURE 	PRINT NAME Shawn Gerstner
TYPE II PERMIT NUMBER/EXPIRATION DATE 250128 6/8/2017	TELEPHONE NUMBER (573) 634-9160

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.

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 **14220** of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on **September 25, 2014**, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain **0.1209%** (w/vol) ethyl alcohol. The expiration date for this lot number is **September 24, 2016** 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 FN08051301 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.

AS IV Serial no: 030808
Version no: 532B

TEST RECORD 00038

Temp Date Time ^{s/} 210L

Air Blank:
06/21/15 12:48 .000
Calibration Check:
23 06/21/15 12:48 .099

Subject Name

Subject I.D.

Operator Name, I.D.

Location

AS IV Serial no: 030808
Version no: 532B

TEST RECORD 00039

Temp Date Time ^{s/} 210L

Air Blank:
06/21/15 12:51 .000
Calibration Check:
23 06/21/15 12:51 .099

Subject Name

Subject I.D.

Operator Name, I.D.

Location

AS IV Serial no: 030808
Version no: 532B

TEST RECORD 00040

Temp Date Time ^{s/} 210L

Air Blank:
06/21/15 12:53 .000
Calibration Check:
24 06/21/15 12:53 .099

Subject Name

Subject I.D.

Operator Name, I.D.

Location

AS IV Serial no: 030808
Version no: 532B

TEST RECORD 00041

Temp Date Time ^{s/} 210L

VOID: RFI
12 06/21/15 12:55

Subject Name

Subject I.D.

Operator Name, I.D.

Location

AS IV Serial no: 030808
Version no: 532B

TEST RECORD 00042

Temp Date Time ^{s/} 210L

Air Blank:
06/21/15 12:56 .000
Subject Test: Auto
25 06/21/15 12:56 .000

Subject Name

Subject I.D.

Operator Name, I.D.

Location



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

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**PERMIT
 TYPE II**

SHAWN GERSTNER

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 6/8/2015

NUMBER 250128

EXPIRES 6/8/2017

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 GERSTNER, SHAWN
 Permit No 250128
 Date Issued 6/8/2015 Date Expires 6/8/2017