


 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 107993	PRINTER SN 099.3586.836	DATE OF INSPECTION 02/29/2016
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LOCATION OF INSTRUMENT (STREET AND CITY) 9623 SAINT CHARLES ROCK ROAD, BRECKENRIDGE HILLS POLICE DEPARTMENT	TIME OF INSPECTION 4:19 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) 24°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 # 15050 EXP. DATE 03/09/2017

 SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34.0 SIMULATOR SN SD2309 SIMULATOR EXP DATE 07/13/2016

 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 → .099

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)	(.05-.09)	(.10-.14)	(.15-.19)	(OVER .19)
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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

MICHAEL PRESSON

TYPE II PERMIT NUMBER/EXPIRATION DATE

250168/07-23-2017

TELEPHONE NUMBER

(314) 426-1214

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: 717-584-5470

**CERTIFICATE OF ANALYSIS**

Certified Alcohol Reference Solution for Simulator

Random Samples of Lot Number 15050 of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on March 11, 2015, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain 0.1218% (w/vol) ethyl alcohol. The expiration date for this lot number is March 9, 2017 at 11:59 PM.

When used in a calibrated Simulator, operating at ~~34°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: 107993  
Version no: 532B

TEST RECORD 00228

Temp	Date	Time	9/ 210L
Air Blank:			
	02/29/16	16:19	.000
Calibration Check:			
	24	02/29/16	16:19 .099

Air Blank:  
02/29/16 16:19 .000  
Calibration Check:  
24 02/29/16 16:19 .099

Subject Name

Subject I.D.

Operator Name, I.D.

*Sgt Michael Perron 232*

Location

*9623 St. Charles Rock Road*

AS IV Serial no: 107993  
Version no: 532B

TEST RECORD 00229

Temp	Date	Time	9/ 210L
Air Blank:			
	02/29/16	16:20	.000
Calibration Check:			
	25	02/29/16	16:20 .100

Air Blank:  
02/29/16 16:20 .000  
Calibration Check:  
25 02/29/16 16:20 .100

Subject Name

Subject I.D.

Operator Name, I.D.

*Sgt Michael Perron 232*

Location

*9623 St. Charles Rock Road*

AS IV Serial no: 107993  
Version no: 532B

TEST RECORD 00230

Temp	Date	Time	9/ 210L
Air Blank:			
	02/29/16	16:22	.000
Calibration Check:			
	25	02/29/16	16:22 .100

Air Blank:  
02/29/16 16:22 .000  
Calibration Check:  
25 02/29/16 16:22 .100

Subject Name

Subject I.D.

Operator Name, I.D.

*Sgt Michael Perron 232*

Location

*9623 St. Charles Rock Road*

AS IV Serial no: 107993  
Version no: 532B

TEST RECORD 00233

Temp	Date	Time	9/ 210L
VOID: RFI			
	12	02/29/16	16:33

VOID: RFI

12 02/29/16 16:33

Subject Name

Subject I.D.

Operator Name, I.D.

*Sgt Michael Perron 232*

Location

*9623 St. Charles Rock Road*



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



**PERMIT  
TYPE II**

**MICHAEL B PRESSON**

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 7/23/2015

NUMBER 250168

EXPIRES 7/23/2017

MSD 580-0771 (6-10)

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

LAB-4 (PG-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 PRESSON, MICHAEL  
Permit No 250168  
Date Issued 7/23/2015 Date Expires 7/23/2017