



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

DOH

REPORT #7

Complete this report in duplicate at the time of the regular monthly preventative maintenance check, and repaired. Send copy to Department of Health and Senior Services; retain original in department file.

**RECEIVED**  
By Carol Day at 10:43 am, Aug 04, 2015

ALCO SENSOR IV SN 108269	PRINTER SN 099.3586.809	DATE OF INSPECTION 07/28/2015
LOCATION OF INSTRUMENT (STREET AND CITY) 4750 Chouteau, Neosho		TIME OF INSPECTION 8:31 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 LOT # 13280 EXP. DATE 10/16/2015
- SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34.0 SIMULATOR SN SD3143 SIMULATOR EXP DATE 12/19/2015
- 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  .101	TEST 2  .101	TEST 3  .101
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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-.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).

Calibrated instrument.

**INSPECTING OFFICER**

SIGNATURE 	PRINT NAME Josey J. Long
TYPE II PERMIT NUMBER/EXPIRATION DATE 240062 / 03/07/2016	TELEPHONE NUMBER (417) 895-6868

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 13280 of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on October 18, 2013, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain 0.1217% (w/vol) ethyl alcohol. The expiration date for this lot number is October 16, 2015 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 FN122211-02 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: 108269  
Version no: 532B

TEST RECORD 00009

Temp	Date	Time	s/ 210L
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Air Blank:  
07/28/15 20:44 .000  
Calibration Check:  
28 07/28/15 20:44 .101

Subject Name

Subject I.D.

Operator Name, I.D.

Location

AS IV Serial no: 108269  
Version no: 532B

TEST RECORD 00011

Temp	Date	Time	s/ 210L
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Air Blank:  
07/28/15 20:47 .000  
Calibration Check:  
29 07/28/15 20:47 .101

Subject Name

Subject I.D.

Operator Name, I.D.

Location

AS IV Serial no: 108269  
Version no: 532B

TEST RECORD 00010

Temp	Date	Time	s/ 210L
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Air Blank:  
07/28/15 20:46 .000  
Calibration Check:  
29 07/28/15 20:46 .101

Subject Name

Subject I.D.

Operator Name, I.D.

Location

AS IV Serial no: 108269  
Version no: 532B

TEST RECORD 00012

Temp	Date	Time	s/ 210L
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VOID: RFI  
12 07/28/15 20:48

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**  
**JOSEY J LONG**

is hereby authorized to instruct and supervise operators, train instructors, inspect, calibrate, perform field service and repairs, and operate the following breath analyzer(s):

**DATAMASTER, INTOX DMT, ALCO-SENSOR IV W/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 3/7/2014

NUMBER 240062

EXPIRES 3/7/2016

MD 580-0771 (6-10)

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 LONG, JOSEY  
Permit No 240062  
Date Issued 3/7/2014 Date Expires 3/7/2016