



STATE PUBLIC HEALTH LABORATORY  
ALCO-SENSOR IV WITH PRINTER MAINTENANCE REPORT

**RECEIVED**

By Carol Day at 3:23 pm, Jun 10, 2016 #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 111328	PRINTER SN 099.3586.579	DATE OF INSPECTION 06/06/2016
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LOCATION OF INSTRUMENT (STREET AND CITY) 218 North State Street, Knob Noster	TIME OF INSPECTION 9:08 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 LOT # 16080 EXP. DATE 03/07/2018

SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34.0 SIMULATOR SN SD2231 SIMULATOR EXP DATE 04/27/2017

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 $\Rightarrow$ .105	TEST 2 $\Rightarrow$ .105	TEST 3 $\Rightarrow$ .104
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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)	1
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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).

Monthly Maintenance. Functioning correctly within Department of Health Standards.

**INSPECTING OFFICER**

SIGNATURE <i>Sgt. Karl Van Vickle</i> DSN 405	PRINT NAME Sgt. Karl Van Vickle
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TYPE II PERMIT NUMBER/EXPIRATION DATE 260214 / 05/03/2018	TELEPHONE NUMBER (660) 563-2233
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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 16080 of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on March 9, 2016, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain 0.1210% (w/vol) ethyl alcohol. The expiration date for this lot number is March 7, 2018 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 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: 111328  
Version no: 532B

TEST RECORD 00060

Temp Date Time 210L

VOID: RPI  
12 06/06/16 22:15

TEST  
Subject Name

Monthly Maint  
Subject I.D.

Sgt Karl VanVickle 260214  
Operator Name, I.D.

218 N State St.  
Location

Knob Noster MO

65336

AS IV Serial no: 111328  
Version no: 532B

TEST RECORD 00058

Temp Date Time 210L

Air Blank:  
06/06/16 22:10 .000

Calibration Check:  
23 06/06/16 22:10 .105

TEST  
Subject Name

Monthly Maint  
Subject I.D.

Sgt Karl VanVickle 260214  
Operator Name, I.D.

218 N state St.  
Location

Knob Noster MO

65336

AS IV Serial no: 111328  
Version no: 532B

TEST RECORD 00059

Temp Date Time 210L

Air Blank:  
06/06/16 22:12 .000

Calibration Check:  
23 06/06/16 22:12 .104

TEST  
Subject Name

Monthly Maint  
Subject I.D.

Sgt Karl VanVickle 260214  
Operator Name, I.D.

218 N State St.  
Location

Knob Noster MO

65336

AS IV Serial no: 111328  
Version no: 532B

TEST RECORD 00056

Temp Date Time 210L

Air Blank:  
06/06/16 22:02 .000

Subject Test: Auto  
22 06/06/16 22:02 .000

TEST  
Subject Name

Monthly Maint  
Subject I.D.

Sgt Karl VanVickle 260214  
Operator Name, I.D.

218 N State St.  
Location

Knob Noster MO

65301

AS IV Serial no: 111328  
Version no: 532B

TEST RECORD 00057

Temp Date Time 210L

Air Blank:  
06/06/16 22:08 .000

Calibration Check:  
23 06/06/16 22:08 .105

TEST  
Subject Name

Monthly Maint  
Subject I.D.

Sgt Karl VanVickle 260214  
Operator Name, I.D.

218 N State St.  
Location

Knob Noster MO

65301



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

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**PERMIT  
 TYPE II**

**KARL E VAN VICKLE**

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 5/3/2016

NUMBER 260214

EXPIRES 5/3/2018

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 VAN VICKLE, KARL  
 Permit No 260214  
 Date Issued 5/3/2016 Date Expires 5/3/2018