



MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES  
STATE PUBLIC HEALTH LABORATORY

**ALCO-SENSOR IV WITH PRINTER MAINTENANCE REPORT**

**RECEIVED**  
By Carol Day at 2:01 pm, Nov 17, 2014

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 105451	PRINTER SN 096.3580.925	DATE OF INSPECTION 11/15/2014
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LOCATION OF INSTRUMENT (STREET AND CITY) 301 S. Main St, Excelsior Springs, MO	TIME OF INSPECTION 1:09 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 LOT # 14200 EXP. DATE 08/05/2016

SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34.0 SIMULATOR SN 358440 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  .097	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	0	(0-.04)	0	(.05-.09)	1	(.10-.14)	0	(.15-.19)	1	(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).

Time reset due to daylight savings time.

**INSPECTING OFFICER**

SIGNATURE 	PRINT NAME Brian K Kennedy
TYPE II PERMIT NUMBER/EXPIRATION DATE 230073 / 04/26/2015	TELEPHONE NUMBER (816) 630-2000

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: 717-564-6470

## CERTIFICATE OF ANALYSIS

Certified Alcohol Reference Solution for Simulator

Random Samples of Lot Number 14200 of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on August 6, 2014, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain 0.1213% (w/vol) ethyl alcohol. The expiration date for this lot number is August 5, 2016 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: 100451  
Version no: 5320

TEST RECORD 00000

Year Date Time 2100

Air Blank: 11/15/14 13:16 .888  
Calibration Check: 22 11/15/14 13:16 .892

Subject Name

MONTHLY MAINT  
Subject I.D.

Operator Name: I.D.

Sgt BK KENNEDY 911  
Location

301 S MAIN

EX SPAS, MO

AS IV Serial no: 100451  
Version no: 5320

TEST RECORD 00000

Year Date Time 2100

Air Blank: 11/15/14 13:17 .888  
Calibration Check: 23 11/15/14 13:17 .897

Subject Name

MONTHLY MAINT  
Subject I.D.

Operator Name: I.D.

Sgt BK KENNEDY 911  
Location

301 S MAIN

EX SPAS, MO 69021

AS IV Serial no: 100451  
Version no: 5320

TEST RECORD 00000

Year Date Time 2100

Air Blank: 11/15/14 13:19 .895  
Calibration Check: 24 11/15/14 13:19 .890

Subject Name

MONTHLY MAINT  
Subject I.D.

Operator Name: I.D.

Sgt BK KENNEDY  
Location

301 S MAIN

EX SPAS, MO

AS IV Serial no: 100451  
Version no: 5320

TEST RECORD 00000

Year Date Time 2100

UOTD: 197  
12 11/15/14 13:20

Subject Name

MONTHLY MAINT  
Subject I.D.

Operator Name: I.D.

Sgt BK KENNEDY  
Location

301 S MAIN

EX SPAS, MO



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

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**PERMIT**  
**TYPE II**

**BRIAN K KENNEDY**

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 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 04/26/2013  
NUMBER 230073  
EXPIRES 04/26/2015

*W. W. S.*

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

*Paul Vesterling*  
Acting Director

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

MO 580-0771 (8-10)

LAB-4 (R6-10)