



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

**RECEIVED** REPORT #7  
By Carol Day at 11:32 am, Apr 10, 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 102468	PRINTER SN 095-3583-748	DATE OF INSPECTION 04/08/2015
LOCATION OF INSTRUMENT (STREET AND CITY) CHARLACK POLICE DEPARTMENT 8401 MIDLAND BLVD. CHARLACK, MO. 63114		TIME OF INSPECTION 0:30 am

**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 # 14200 EXP. DATE 08/05/2016

SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34.0 SIMULATOR SN SD2760 SIMULATOR EXP DATE 01/15/2016

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 → 0.100

TEST 2 → 0.100

TEST 3 → 0.100

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) 0 (.05-.09) 0 (.10-.14) 2 (.15-.19) 0 (OVER .19) 1

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

SGT #64

PRINT NAME

SGT. ERIC SONTHEIMER #64

TYPE II PERMIT NUMBER/EXPIRATION DATE

250009 exp 01/02/2017

TELEPHONE NUMBER

(314) 427-4715

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 17111-4811 • TELEPHONE: 717-684-6470

**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: 102468  
Version no: 532B

TEST RECORD 00183

Temp Date Time <sup>9/</sup> 210L

Air Blank:  
04/08/15 00:30 .000  
Calibration Check:  
26 04/08/15 00:30 .100

Subject Name

SPHUCATOR

Subject I.D.

Operator Name, I.D.

SGT → 65

Location

CPD

AS IV Serial no: 102468  
Version no: 532B

TEST RECORD 00184

Temp Date Time <sup>9/</sup> 210L

Air Blank:  
04/08/15 00:31 .000  
Calibration Check:  
26 04/08/15 00:31 .100

Subject Name

SPHUCATOR

Subject I.D.

Operator Name, I.D.

SGT → 65

Location

CPD

AS IV Serial no: 102468  
Version no: 532B

TEST RECORD 00185

Temp Date Time <sup>9/</sup> 210L

Blank:  
04/08/15 00:33 .000  
Calibration Check:  
04/08/15 00:33 .100

Subject Name

SPHUCATOR

Subject I.D.

Operator Name, I.D.

SGT → 65

Location

CPD

AS IV Serial no: 102468  
Version no: 532B

TEST RECORD 00186

Temp Date Time <sup>9/</sup> 210L

VOID: RFI  
12 04/08/15 00:35

Subject Name

SPHUCATOR

Subject I.D.

Operator Name, I.D.

SGT → 65

Location

CPD



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



**PERMIT**  
**- TYPE II**

**ERIC C SONTHEIMER**

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.

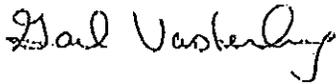
DATE 1/2/2015

NUMBER 250009

EXPIRES 1/2/2017

MO 580-0771 (8-10)

  
\_\_\_\_\_  
DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

  
\_\_\_\_\_  
acting director  
DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

LAB4 (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 SONTHEIMER, ERIC  
Permit No 250009  
Date Issued 1/2/2015 Date Expires 1/2/2017