



MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES  
STATE PUBLIC HEALTH LABORATORY

ALCO-SENSOR IV WITH PRINTER MAINTENANCE REPORT

**RECEIVED**

By Carol Day at 8:41 am, Aug 25, 2015

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 102468	PRINTER SN 095-3583-748	DATE OF INSPECTION 08/17/2015
LOCATION OF INSTRUMENT (STREET AND CITY) CHARLACK POLICE DEPARTMENT 8401 MIDLAND BLVD. CHARLACK, MO. 63114		TIME OF INSPECTION 7:58 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 # 15050 EXP. DATE 03/09/2017
- 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 0.078% and 0.084% INCLUSIVE
- 0.040% STANDARD - MUST READ BETWEEN 0.038% and 0.042% INCLUSIVE

TEST 1 → 0.099	TEST 2 → 0.098	TEST 3 → 0.098
----------------	----------------	----------------

- 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)	5	(.05-.09)	0	(.10-.14)	0	(.15-.19)	1	(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).

<b>INSPECTING OFFICER</b>	
SIGNATURE [Signature]	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.**

890 NORTH 67th STREET • HARRISBURG, PA 17111-4811 • TELEPHONE: 717-504-6470

## 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 +/- .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: 102468  
Version no: 532B

TEST RECORD 00212

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

Air Blank:  
08/17/15 07:58 .000  
Calibration Check:  
21 08/17/15 07:50 .099

Subject Name

SP MucApo

Subject I.D.

Operator Name, I.D.

SGT ← GS

Location

C/PD

AS IV Serial no: 102468  
Version no: 532B

TEST RECORD 00213

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

Air Blank:  
08/17/15 08:00 .000  
Calibration Check:  
22 08/17/15 08:00 .098

Subject Name

SP MucApo

Subject I.D.

Operator Name, I.D.

SGT ← GS

Location

C/PD

AS IV Serial no: 102468  
Version no: 532B

TEST RECORD 00214

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

Air Blank:  
08/17/15 08:01 .000  
Calibration Check:  
23 08/17/15 08:01 .098

Subject Name

SP MucApo

Subject I.D.

Operator Name, I.D.

SGT ← GS

Location

C/PD

AS IV Serial no: 102468  
Version no: 532B

TEST RECORD 00215

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

VOID: RFI  
12 08/17/15 08:02

Subject Name

SP MucApo

Subject I.D.

Operator Name, I.D.

SGT ← GS

Location

C/PD



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

2

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

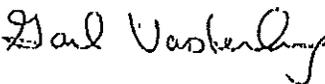
for the determination of the alcoholic content of blood from a sample of expired air. Permit issued under the provisions of sections 577.020 through 577.041, RSMo and 308.111 through 308.119 RSMo.

DATE 1/2/2015

NUMBER 250009

EXPIRES 1/2/2017

MO 380-0771 (0-10)

  
DIRECTOR OF STATE PUBLIC HEALTH LABORATORY  
  
  
acting director  
DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES  
LAB-4 (18-10)

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