



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

RECEIVED
 By Carol Day at 2:54 pm, Mar 16, 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 097406	PRINTER SN 84.9324.050	DATE OF INSPECTION 03/11/2015
LOCATION OF INSTRUMENT (STREET AND CITY) 111 E. Kelling Ave, Waverly, MO 64096		TIME OF INSPECTION 2:45 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 Laboratories, Inc LOT # 14220 EXP. DATE 09/24/2016

SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34.0 SIMULATOR SN SD1070 SIMULATOR EXP DATE 11/20/2015

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 ➡ .103 TEST 2 ➡ .102 TEST 3 ➡ .102

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)	0
----------	---	---------	---	-----------	---	-----------	---	-----------	---	------------	---

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).

Meets DOH Standards

 Monthly Accuracy Check

INSPECTING OFFICER

SIGNATURE 	PRINT NAME Greg A. Andrews
TYPE II PERMIT NUMBER/EXPIRATION DATE 240419 11/24/2016	TELEPHONE NUMBER (660) 493-2914

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: 717-584-5470

CERTIFICATE OF ANALYSIS

Certified Alcohol Reference Solution for Simulator

Random Samples of Lot Number 14220 of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on September 25, 2014, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain 0.1209% (w/vol) ethyl alcohol. The expiration date for this lot number is September 24, 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 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.



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

2

**PERMIT
TYPE II**

GREG A ANDREWS

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 11/24/2014

NUMBER 240419

EXPIRES 11/24/2016

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

,acting director

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

MO 580-0771 (8-10)

LAB-4 (R8-10)

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 ANDREWS, GREG
Permit No 240419
Date issued 11/24/2014 Date Expires 11/24/2016

AS IV Serial no: 097406
Version no: 532B

TEST RECORD 00214

Temp Date Time ^{s/} 210L

Air Blank:
03/11/15 14:54 .000
Subject Test: Man
28 03/11/15 14:54 .102

Subject Name

Test #3
Subject I.D.

Operator Name, I.D.

Greg Andrews #240419
Location

Waverly PD

Waverly, MO

AS IV Serial no: 097406
Version no: 532B

TEST RECORD 00213

Temp Date Time ^{s/} 210L

Air Blank:
03/11/15 14:51 .000
Subject Test: Man
28 03/11/15 14:51 .102

Subject Name

Test #2
Subject I.D.

Operator Name, I.D.

Greg Andrews #240419
Location

Waverly PD

Waverly, MO

AS IV Serial no: 097406
Version no: 532B

TEST RECORD 00212

Temp Date Time ^{s/} 210L

Air Blank:
03/11/15 14:49 .000
Calibration Check:
27 03/11/15 14:49 .103

Subject Name

Test #1
Subject I.D.

Operator Name, I.D.

Greg Andrews #240419
Location

Waverly PD

Waverly, MO

AS IV Serial no: 097406
Version no: 532B

TEST RECORD 00215

Temp Date Time ^{s/} 210L

VOID: RFI
12 03/11/15 15:01

Subject Name

RFI

Subject I.D.

Operator Name, I.D.

Greg Andrews #240419
Location

Waverly PD

Waverly, MO