



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 12:12 pm, Jan 02, 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 12/29/2014
LOCATION OF INSTRUMENT (STREET AND CITY) 111 E. Kelling Ave, Waverly, MO 64096		TIME OF INSPECTION 10:35 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, Inc LOT # 14030 EXP. DATE 01/20/2016
- 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 .100	TEST 2 .100	TEST 3 .096
--------------	--------------	--------------

- 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

 Placed into Service

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
 Berlar Bluff, MO 63001



GUTH LABORATORIES, INC.

630 NORTH 67th STREET • HARRISBURG, PA 17111-4511 • TELEPHONE: 717-664-6470

CERTIFICATE OF ANALYSIS

Certified Alcohol Reference Solution for Simulator

Random Samples of Lot Number 14030 of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on January 22, 2014, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain 0.1215% (w/vol) ethyl alcohol. The expiration date for this lot number is January 20, 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 FNI22211-02 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.



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 00171

Temp Date Time ^{a/} 210L

Air Blank:
12/29/14 10:45 .000
Subject Test: Man
25 12/29/14 10:45 .096

Subject Name

Subject I.D.

Test #3

Operator Name, I.D.

Greg Andrews #240419

Location

Waverly PD

Waverly, mo 64096

AS IV Serial no: 097406
Version no: 532B

TEST RECORD 00170

Temp Date Time ^{a/} 210L

Air Blank:
12/29/14 10:44 .000
Subject Test: Man
25 12/29/14 10:44 .100

Subject Name

Subject I.D.

Test #2

Operator Name, I.D.

Greg Andrews #240419

Location

Waverly PD

Waverly, mo 64096

AS IV Serial no: 097406
Version no: 532B

TEST RECORD 00169

Temp Date Time ^{a/} 210L

Air Blank:
12/29/14 10:42 .000
Subject Test: Man
24 12/29/14 10:42 .100

Subject Name

Subject I.D.

Test #1

Operator Name, I.D.

Greg Andrews #240419

Location

Waverly PD

Waverly, mo 64096

AS IV Serial no: 097406
Version no: 532B

TEST RECORD 00172

Temp Date Time ^{a/} 210L

VOID: RFI
12 12/29/14 10:50

Subject Name

Subject I.D.

RFI Test

Operator Name, I.D.

Greg Andrews #240419

Location

Waverly PD

Waverly, mo 64096