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By Brian Lutmer at 2:27 pm, Jan 27, 2015



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

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 108265	PRINTER SN 099.3586.806	DATE OF INSPECTION 01/25/2015
LOCATION OF INSTRUMENT (STREET AND CITY) Elsberry Police Department		TIME OF INSPECTION 7:59 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 Lab LOT # 14110 EXP. DATE 05/10/2016

SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34 SIMULATOR SN SD2287 SIMULATOR EXP DATE 11/10/2015

- 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 → .102	TEST 2 → .102	TEST 3 → .102
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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)	(.05-.09)	(.10-.14)	(.15-.19)	(OVER .19)	1
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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).

None to Report

INSPECTING OFFICER	
SIGNATURE <i>Cpl. David Wait</i>	PRINT NAME Cpl. David Wait
TYPE PERMIT NUMBER EXPIRATION DATE 240416	TELEPHONE NUMBER (573) 898-5456

Return completed report to the: Breath Alcohol Program, MO Department of Health and Senior Services, Jefferson City, MO



GUTH LABORATORIES, INC.

500 NORTH 67th STREET • HARRISBURG, PA 17111-4511 • TELEPHONE: 717-664-5470

CERTIFICATE OF ANALYSIS

Certified Alcohol Reference Solution for Simulator

Random Samples of Lot Number 14110 of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on May 5, 2014, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain 0.1206% (w/vol) ethyl alcohol. The expiration date for this lot number is May 1, 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 EN132211-02 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 using NIST traceable weights.

AS IV Serial no: 108265
Version no: 532B

TEST RECORD 00086

Temp Date Time ^{9/} 210L

Air Blank:
01/25/15 20:15 .000
Calibration Check:
23 01/25/15 20:15 .102

Subject Name
Test #2
Subject I.D.

Operator Name, I.D.

Location

AS IV Serial no: 108265
Version no: 532B

TEST RECORD 00084

Temp Date Time ^{9/} 210L

Air Blank:
01/25/15 20:12 .000
Calibration Check:
22 01/25/15 20:12 .102

Subject Name
Test #1
Subject I.D.

Operator Name, I.D.

Location

AS IV Serial no: 108265
Version no: 532B

TEST RECORD 00076

Temp Date Time ^{9/} 210L

VOID: RFI
12 01/25/15 19:59

Subject Name
Test #1
Subject I.D.

Operator Name, I.D.

Location

AS IV Serial no: 108265
Version no: 532B

TEST RECORD 00095

Temp Date Time ^{9/} 210L

Air Blank:
01/25/15 20:14 .000
Calibration Check:
22 01/25/15 20:14 .102

Subject Name
Test #3
Subject I.D.

Operator Name, I.D.

Location



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

2

**PERMIT
 TYPE II**

DAVID M WAIT

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 11/20/2014

NUMBER 240416

EXPIRES 11/20/2016

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

acting director

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

MO 580-0771 (6-10)

LAB-4 (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 WAIT, DAVID
 Permit No 240416
 Date issued 11/20/2014 Date Expires 11/20/2016