



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

RECEIVED
 By Carol Day at 3:09 pm, Jan 24, 2014 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 062093	PRINTER SN 093.3563.014	DATE OF INSPECTION 01/23/2014
LOCATION OF INSTRUMENT (STREET AND CITY) 1001 Heroes Way, Sugar Creek, MO 64054		TIME OF INSPECTION 3:45 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 # 13210 EXP. DATE 07/29/2015

SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34.0 SIMULATOR SN SD3136 SIMULATOR EXP DATE 07/14/2014

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 → .099	TEST 2 → .100	TEST 3 → .100
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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	1	(0-.04)	0	(.05-.09)	0	(.10-.14)	0	(.15-.19)	0	(OVER .19)	0
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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).

INSPECTING OFFICER	
SIGNATURE 	PRINT NAME Wesley Edwards
TYPE II PERMIT NUMBER/EXPIRATION DATE 230200/ 09/19/2015	TELEPHONE NUMBER (816) 252-5560

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

AS IV Serial no: 062093
Version no: 532B

TEST RECORD 00123

Temp Date Time ^{s/} 210L

Air Blank:
01/23/14 15:45 .000
Calibration Check:
26 01/23/14 15:45 .099

Subject Name

Subject I.D.

Edwards

Operator Name, I.D.

1001 Heroes Way

Location

Sugar Creek

MO 64054

AS IV Serial no: 062093
Version no: 532B

TEST RECORD 00124

Temp Date Time ^{s/} 210L

Air Blank:
01/23/14 15:48 .000
Calibration Check:
26 01/23/14 15:48 .100

Subject Name

Subject I.D.

Edwards

Operator Name, I.D.

1001 Heroes Way

Location

Sugar Creek

MO 64054

AS IV Serial no: 062093
Version no: 532B

TEST RECORD 00125

Temp Date Time ^{s/} 210L

Air Blank:
01/23/14 15:50 .000
Calibration Check:
27 01/23/14 15:50 .100

Subject Name

Subject I.D.

Edwards

Operator Name, I.D.

1001 Heroes Way

Location

Sugar Creek

MO 64054

AS IV Serial no: 062093
Version no: 532B

TEST RECORD 00126

Temp Date Time ^{s/} 210L

VOID: RFI
12 01/23/14 15:51

Subject Name

Subject I.D.

Edwards

Operator Name, I.D.

1001 Heroes Way

Location

Sugar Creek

MO 64054



GUTH LABORATORIES, INC.

590 NORTH 67th STREET • HARRISBURG, PA 17111-4511 • TELEPHONE: 717-554-5470

CERTIFICATE OF ANALYSIS

Certified Alcohol Reference Solution for Simulator

Random Samples of Lot Number 13210 of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on July 31, 2013, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain 0.1216% (w/vol) ethyl alcohol. The expiration date for this lot number is July 29, 2015 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.



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



**PERMIT
TYPE II**

WESLEY H EDWARDS

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 9/19/2013

NUMBER 230200

EXPIRES 9/19/2015

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

Gail Vosterly, acting director
DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

MO 590-0771 (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 EDWARDS, WESLEY
Permit No 230200
Date Issued 9/19/2013 Date Expires 9/19/2015