



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 102469	PRINTER SN 095.353.193	DATE OF INSPECTION 10/07/2015
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LOCATION OF INSTRUMENT (STREET AND CITY) Lafayette County Sheriff 107 S. 11th Lexington, Mo. 64067	TIME OF INSPECTION 5:31 am
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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

<input checked="" type="checkbox"/> SIMULATOR SOLUTION	<input type="checkbox"/> COMPRESSED ETHANOL-GAS MIXTURE
<input checked="" type="checkbox"/> STANDARD SUPPLIER <u>Guth Labs</u>	LOT # <u>14220</u> EXP. DATE <u>09/24/2016</u>
<input checked="" type="checkbox"/> SIMULATOR TEMPERATURE (34°C ± 0.2°C) <u>34.0</u>	SIMULATOR SN <u>SD2275</u> SIMULATOR EXP DATE <u>02/11/2016</u>

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 → .098	TEST 2 → .097	TEST 3 → .097
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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)

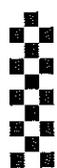
REFUSALS	0	(0-.04)	0	(.05-.09)	0	(.10-.14)	0	(.15-.19)	0	(OVER .19)	0
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List any new parts and describe any alteration or modification that was made to restore the instrument to operate satisfactorily and within established limits (use other side if necessary).

Meets DOH Standards

INSPECTING OFFICER	
SIGNATURE <i>Dale L. Cox</i>	PRINT NAME Dale L. Cox
TYPE / REP 250047	TELEPHONE NUMBER (660) 259-3622

Return completed report to me: Breath Alcohol Program, MO Department of Health and Senior Services, Southeast District Office
2875 James Boulevard
Poplar Bluff, MO 63901



AS IV Serial no: 182469
Version no: 532B

TEST RECORD 80170 s/

Temp Date Time 218L

Air Blank
10/07/15 05:01 .008
Calibration Check
24 10/07/15 05:01 .008

Subject Name

Cal Check
Subject I.D.

Operator Name, I.D.

Cox 175 250047

Location

LC50

AS IV Serial no: 182469
Version no: 532B

TEST RECORD 80173 s/

Temp Date Time 218L

VOID RTI
12 12/07/15 06:05

Subject Name

Cal. Check
Subject I.D.

Operator Name, I.D.

Cox 175 250047

Location

LC50

AS IV Serial no: 182469
Version no: 532B

TEST RECORD 80172 s/

Temp Date Time 218L

Air Blank
10/07/15 05:04 .008
Calibration Check
24 10/07/15 05:04 .007

Subject Name

Cal Check
Subject I.D.

Operator Name, I.D.

Cox 175 250047

Location

LC50

AS IV Serial no: 182469
Version no: 532B

TEST RECORD 80171 s/

Temp Date Time 218L

Air Blank
10/07/15 05:03 .008
Calibration Check
24 10/07/15 05:03 .007

Subject Name

Cal-Check
Subject I.D.

Operator Name, I.D.

Cox 175 250047

Location

LC50



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

2

PERMIT
TYPE II
DALE L COX

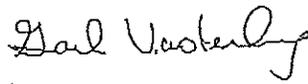
Is hereby authorized to instruct and supervise operators, train instructors, inspect, calibrate, perform field service and repairs, and operate the following breath analyzer(s):

ALCO-SENSOR IV WITH PRINTER, INTOX DMT

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 2/20/2015
 NUMBER 250047
 EXPIRES 2/20/2017


 DIRECTOR OF STATE PUBLIC HEALTH LABORATORY


 acting director
 DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

LAB 4 95-10

MO 550-0771 (6-10)

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 COX, DALE
 Permit No 250047
 Date Issued 2/20/2015 Date Expires 2/20/2017



GUTH LABORATORIES, INC.

530 NORTH 67th STREET • HARRISBURG, PA 17111-4511 • TELEPHONE: 717-564-6470

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 PN08051301 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.