



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

RECEIVED
 By Carol Day at 12:43 pm, Aug 27, 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 102473	PRINTER SN 08C.3527.124	DATE OF INSPECTION 08/18/2014
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LOCATION OF INSTRUMENT (STREET AND CITY) 1010 N. Boonville Springfield	TIME OF INSPECTION 10:36 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 Laboratories</u>	LOT # <u>13280</u> EXP. DATE <u>10/16/2015</u>
<input checked="" type="checkbox"/> SIMULATOR TEMPERATURE (34°C ± 0.2°C) <u>34</u>	SIMULATOR SN <u>SD2219</u> SIMULATOR EXP DATE <u>04/23/2015</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)

<input checked="" type="checkbox"/> 0.100% STANDARD - MUST READ BETWEEN 0.095% and 0.105% INCLUSIVE
<input type="checkbox"/> 0.080% STANDARD - MUST READ BETWEEN 0.076% and 0.084% INCLUSIVE
<input type="checkbox"/> 0.040% STANDARD - MUST READ BETWEEN 0.038% and 0.042% INCLUSIVE

TEST 1 .100	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)

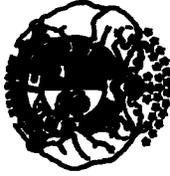
REFUSALS	3	(0-.04)	1	(.05-.09)	2	(.10-.14)	3	(.15-.19)	2	(OVER .19)	4
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List any new parts and describe any alteration or modification that was made to restore the instrument to operate satisfactorily and within established limits (use other side if necessary).

Change Printer Ribbon
 Change Paper Roll

INSPECTING OFFICER	
SIGNATURE 	PRINT NAME Ronald L. Killingsworth
TYPE II PERMIT NUMBER/EXPIRATION DATE 230085 / 05-10-2015	TELEPHONE NUMBER (417) 829-6216

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



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

2

PERMIT
TYPE II

RONALD L KILLINGSWORTH

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

DATAMASTER, ALCO-SENSOR IV W/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, FRSMO and 306.111 through 306.119 FRSMO.

DATE 05/10/2013

W. L. Killingsworth

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

NUMBER 230085

Paul Vukobrat

EXPIRES 05/10/2015

Asst. Director
 DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES



GUTH LABORATORIES, INC.

2000 W. 10TH ST. SUITE 100 • WICHITA, KS 67202 • 316-261-7100

CERTIFICATE OF ANALYSIS

Certified Alcohol Reference Solution for Simulator

Random Samples of Lot Number 13280 of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on October 18, 2013, using a Perkin Elmer Gas Chromatograph Autocystem XL SN: 610N9090209, and found to contain 0.1217% (w/vol) ethyl alcohol. The expiration date for this lot number is October 16, 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 Certified Reference Standard lot number FM22221-02 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.

AS IV Serial no: 102473
Version no: 532B

TEST RECORD 00171

Temp Date Time ^{s/} 210L

Air Blank:
08/18/14 10:36 .000
Calibration:
23 08/18/14 10:36 .100

Subject Name

Test 1

Subject I.D.

Killingsworth, Rendd L.
Operator Name, I.D.

230085 / 05-10-15

Location

GCSO

AS IV Serial no: 102473
Version no: 532B

TEST RECORD 00172

Temp Date Time ^{s/} 210L

Air Blank:
08/18/14 10:38 .000
Calibration:
23 08/18/14 10:38 .100

Subject Name

Test 2

Subject I.D.

Killingsworth, Rendd L.
Operator Name, I.D.

230085 / 05-10-15

Location

GCSO

AS IV Serial no: 102473
Version no: 532B

TEST RECORD 00173

Temp Date Time ^{s/} 210L

Air Blank:
08/18/14 10:39 .000
Calibration:
24 08/18/14 10:39 .100

Subject Name

Test 3

Subject I.D.

Killingsworth, Rendd L.
Operator Name, I.D.

230085 / 05-10-15

Location

GCSO

AS IV Serial no: 102473
Version no: 532B

TEST RECORD 00174

Temp Date Time ^{9/} 210L

Air Blank:
08/18/14 10:41 .000
Calibration Check:
24 08/18/14 10:41 .100

Subject Name

Acc. Check

Subject I.D.

Killingsworth, Ronald L.

Operator Name, I.D.

230085/05-10-15

Location

GCSO

AS IV Serial no: 102473
Version no: 532B

TEST RECORD 00175

Temp Date Time ^{9/} 210L

VOID: RFI
12 08/18/14 10:42

Subject Name

RFI Test

Subject I.D.

Killingsworth, Ronald L.

Operator Name, I.D.

230085/05-10-15

Location

GCSO