



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

RECEIVED
 By Carol Day at 7:43 am, May 13, 2015 #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 04/30/2015
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LOCATION OF INSTRUMENT (STREET AND CITY) 1010 North Boonville, Avenue Avenue	TIME OF INSPECTION 5:21 pm
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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

SIMULATOR SOLUTION COMPRESSED ETHANOL-GAS MIXTURE

STANDARD SUPPLIER Guth Laboratories LOT # 14220 EXP. DATE 09/24/2016

SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34 SIMULATOR SN SD2219 SIMULATOR EXP DATE 01/12/2016

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 • .101

TEST 2 • .101

TEST 3 • .101

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-.04)	(.05-.09)	(.10-.14)	(.15-.19)	(OVER .19)
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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).

Instrument found to be operating within D.O.H. specifications

INSPECTING OFFICER

SIGNATURE 	PRINT NAME Roger Stewart
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TYPE II PERMIT NUMBER/EXPIRATION DATE 250035/01/20/2017	TELEPHONE NUMBER (417) 829-6487
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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**

ROGER A STEWART

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 EC/IR II

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 1/20/2015

NUMBER 250035

EXPIRES 1/20/2017

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 STEWART, ROGER
 Permit No 250035
 Date Issued 1/20/2015 Date Expires 1/20/2017



GUTH LABORATORIES, INC.

590 NORTH 67th STREET • HARRISBURG, PA 17111-4511 • TELEPHONE: 717-564-5470

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 FN08051301 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 00557

Temp	Date	Time	^{s/} 210L
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Air Blank:
04/30/15 17:21 .000
Calibration Check:
22 04/30/15 17:21 .101

Subject Name

TEST 1

Subject I.D.

STEWART, Roger A

Operator Name, I.D.

250035 / 1-20-2017

Location

GC50

AS IV Serial no: 102473
Version no: 532B

TEST RECORD 00559

Temp	Date	Time	^{s/} 210L
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Air Blank:
04/30/15 17:29 .000
Calibration Check:
26 04/30/15 17:29 .101

Subject Name

TEST 2

Subject I.D.

STEWART, Roger A

Operator Name, I.D.

250035 / 1-20-2017

Location

GC50

AS IV Serial no: 102473
Version no: 532B

TEST RECORD 00560

Temp	Date	Time	^{s/} 210L
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Air Blank:
04/30/15 17:33 .000
Calibration Check:
27 04/30/15 17:33 .101

Subject Name

TEST 3

Subject I.D.

STEWART, Roger A

Operator Name, I.D.

250035 / 1-20-2017

Location

GC50

AS IV Serial no: 102473
Version no: 532B

TEST RECORD 00561

Temp Date Time 210L

VOID: RFI
12 04/30/15 17:36

Subject Name

RFI

Subject I.D.
STEWART, Roger A

Operator Name, I.D.

250035 / 1-20-2017

Location

GC50