



MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES
STATE PUBLIC HEALTH LABORATORY

ALCO-SENSOR IV WITH PRINTER MAINTENANCE REPORT

RECEIVED

By Carol Day at 2:34 pm, Dec 03, 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 102472	PRINTER SN 08C.3556.272	DATE OF INSPECTION 11/26/1014
LOCATION OF INSTRUMENT (STREET AND CITY) 1010 N. Boonville Avenue Springfield (GCSO)		TIME OF INSPECTION 2:43 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 LOT # 14220 EXP. DATE 09/24/2016
- SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34 SIMULATOR SN 2219 SIMULATOR EXP DATE 04/23/2015
- 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 ➡ .104	TEST 2 ➡ .103	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	1	(0-.04)	0	(.05-.09)	9	(.10-.14)	13	(.15-.19)	4	(OVER .19)	2
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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).

Adjusted time and date.

INSPECTING OFFICER	
SIGNATURE 	PRINT NAME Roger Stewart
TYPE II PERMIT NUMBER/EXPIRATION DATE 240289/ 06/09/2016	TELEPHONE NUMBER (417) 829-6487

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, DATAMASTER

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 6/19/2014

NUMBER 240289

EXPIRES 6/19/2016

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

MO 580-0771 (6-10)

LAB-4 (R8-10)

 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 240289
 Date issued 6/19/2014 Date Expires 6/19/2016



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: 102472
Version no: 532F

TEST RECORD 00272

Temp Date Time ^{s/} 210L

Air Blank:
11/26/14 14:43 .000
Calibration Check:
23 11/26/14 14:43 .104

Subject Name

Test 1

Subject I.D.

Stewart, Roger, A.
Operator Name, I.D.

240289/06-09-2016
Location

6C50

AS IV Serial no: 102472
Version no: 532F

TEST RECORD 00274

Temp Date Time ^{s/} 210L

Air Blank:
11/26/14 14:49 .000
Calibration Check:
24 11/26/14 14:49 .103

Subject Name

Test 2

Subject I.D.

Stewart, Roger, A.
Operator Name, I.D.

240289/06-09-2016
Location

6C50

AS IV Serial no: 102472
Version no: 532F

TEST RECORD 00273

Temp Date Time ^{s/} 210L

Air Blank:
11/26/14 14:47 .000
Calibration Check:
24 11/26/14 14:47 .102

Subject Name

Test 3

Subject I.D.

Stewart, Roger, A.
Operator Name, I.D.

240289/06-09-2016
Location

6C50

Change

AS IV Serial no: 102472
Version no: 532R

TEST RECORD 00275

Temp Date Time ^{s/} 210L

VOID: EFI
12 11/26/14 14:54

Subject Name

RFI TEST

Subject I.D.

Stewart Roger A.

Operator Name: I.D.

240289/06-09-2016

Location

GC50

AS IV Serial no: 102472
Version no: 532R

TEST RECORD 00271

Temp Date Time ^{s/} 210L

Air Blank:
11/26/14 15:28 .000
Subject Test: Auto
22 11/26/14 15:28 .000

Subject Name

Blank Test

Subject I.D.

Stewart Roger A.

Operator Name: I.D.

240289/06-09-2016

Location

GC50