



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

RECEIVED
 By Carol Day at 10:17 am, Jun 12, 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 0904801Oakview MO	PRINTER SN 097.3584.331	DATE OF INSPECTION 06/06/2014
LOCATION OF INSTRUMENT (STREET AND CITY) 6404 N. Locust, Oakview MO 64118 Oakview City Hall		TIME OF INSPECTION 10:03 am

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 # 13100 EXP. DATE 04/23/2015

SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34 SIMULATOR SN 093752 SIMULATOR EXP DATE 03/11/2015

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 .101

TEST 2 .101

TEST 3 .098

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

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).

Monthly test for June/2014

INSPECTING OFFICER

SIGNATURE

PRINT NAME
D. Littlejohn #230074

TYPE II PERMIT NUMBER/EXPIRATION DATE
230074-04/26/2015

TELEPHONE NUMBER
(816) 436-9150

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: 094881
Version no: 532R

TEST RECORD 00253

Temp Date Time ^{s/} 210L

Air Blank:
06/06/14 10:03 .000
Calibration Check:
24 06/06/14 10:03 .000

Subject Name

TEST 1

Subject I.D.

Operator Name, I.D.

Location

AS IV Serial no: 094881
Version no: 532R

TEST RECORD 00256

Temp Date Time ^{s/} 210L

Air Blank:
06/06/14 10:07 .000
Calibration Check:
27 06/06/14 10:07 .098

Subject Name

TEST 4

Subject I.D.

Operator Name, I.D.

Location

AS IV Serial no: 094881
Version no: 532R

TEST RECORD 00254

Temp Date Time ^{s/} 210L

Air Blank:
06/06/14 10:04 .000
Calibration Check:
25 06/06/14 10:04 .101

Subject Name

TEST 2

Subject I.D.

Operator Name, I.D.

Location

AS IV Serial no: 094881
Version no: 532R

TEST RECORD 00255

Temp Date Time ^{s/} 210L

Air Blank:
06/06/14 10:06 .000
Calibration Check:
26 06/06/14 10:06 .101

Subject Name

TEST 3

Subject I.D.

Operator Name, I.D.

Location

AS IV Serial no: 094881
Version no: 532R

TEST RECORD 00257

Temp Date Time ^{s/} 210L

Air Blank:
06/06/14 10:16 .000
Subject Test: Auto
27 06/06/14 10:16 .000

Subject Name

Subject I.D.

Operator Name, I.D.

Location

Test no Ak

AS IV Serial no: 094881
Version no: 532R

TEST RECORD 00258

Temp Date Time ^{s/} 210L

VOID: TEST SAMP
6 06/06/14 10:10

Subject Name

Subject I.D.

Operator Name, I.D.

Location



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 13100 of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on April 29, 2013, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain 0.1214% (w/vol) ethyl alcohol. The expiration date for this lot number is April 23, 2015 at 11:59 PM.

When used in a calibrated Simulator, operating at $34^{\circ}\text{C} \pm .2^{\circ}\text{C}$, this solution will give a breath alcohol analysis instrument reading of $0.100 \text{ g}/210\text{L} \pm 3\%$.

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.