



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

RECEIVED

By Carol Day at 11:50 am, Jun 30, 2015

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 097414	PRINTER SN 08C.3527.127	DATE OF INSPECTION 06/16/2015
LOCATION OF INSTRUMENT (STREET AND CITY) 7777 NE Birmingham Road, Randolph, Missouri 64161		TIME OF INSPECTION 1214 hours

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 LOT # 13210 EXP. DATE 07/29/2015
- SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34 SIMULATOR SN SD3141 SIMULATOR EXP DATE 11/20/2015

- 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 .100	TEST 2 .099	TEST 3 .101
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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).

INSPECTING OFFICER	
SIGNATURE <i>Sgt. Barks #651</i>	PRINT NAME Sgt. Barks, Bradley
TYPE II PERMIT NUMBER/EXPIRATION DATE 240420 / 11/24/2016	TELEPHONE NUMBER (816) 455-9324

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



GUTH LABORATORIES, INC.

590 NORTH 67th STREET • HARRISBURG, PA 17111-4611 • TELEPHONE: 717-684-5470

CERTIFICATE OF ANALYSIS

Certified Alcohol Reference Solution for Simulator

Random Samples of Lot Number **13210** of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on **July 31, 2013**, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain **0.1216%** (w/vol) ethyl alcohol. The expiration date for this lot number is **July 29, 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 g/210L \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.

95 IV Serial no: 897414
Version no: 5329

TEST RECORD 88347

Temp Date Time 218L

Air Blank:
06/15/15 12:19 .992
Calibration Check:
22 06/15/15 12:19 .993

Subject Name
Barks

Subject ID:
651

Operator Name, I.D.

Barks / 240420

Location

RPD

Test # 2

95 IV Serial no: 897414
Version no: 5329

TEST RECORD 88346

Temp Date Time 218L

Air Blank:
06/15/15 12:15 .989
Calibration Check:
21 06/15/15 12:15 .990

Subject Name
Barks

Subject ID:
651

Operator Name, I.D.

Barks / 240420

Location

RPD

Test #1

95 IV Serial no: 897414
Version no: 5328

TEST RECORD 88344

Temp Date Time 218L

Air Blank:
06/15/15 12:14 .989
Calibration Check:
20 06/15/15 12:14 .989

Subject Name

Barks

Subject ID:

651

Operator Name, I.D.

Barks / 240420

Location

RPD

Blank Test

95 IV Serial no: 897414
Version no: 5328

TEST RECORD 88345

Temp Date Time 218L

Air Blank:
06/15/15 12:15 .989

Subject Name

Barks

Subject ID:

651

Operator Name, I.D.

Barks / 240420

Location

RPD

RFI Test

95 IV Serial no: 897414
Version no: 5328

TEST RECORD 88348

Temp Date Time 218L

Air Blank:
06/15/15 12:23 .989
Calibration Check:
19 06/15/15 12:23 .989

Subject Name
Barks

Subject ID:

651

Operator Name, I.D.

Barks / 240420

Location

RPD

Test # 3



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

2

**PERMIT
 TYPE II**

BRADLEY L BARKS

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

ALCO-SENSOR IV WITH PRINTER

for the determination of the alcoholic content of blood from a sample of expired air. Permit issued under the provisions of se 577.020 through 577.041, RSMo and 306.111 through 306.119 RSMo.

DATE 11/24/2014

NUMBER 240420

EXPIRES 11/24/2016

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

,acting director

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

LAB-J

MO 580-0771 (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 BARKS, BRADLEY
 Permit No 240420
 Date Issued 11/24/2014 Date Expires 11/24/2016