



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

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 <u>097414</u>	PRINTER SN <u>08C.3527.127</u>	DATE OF INSPECTION <u>12/30/14</u>
LOCATION OF INSTRUMENT (STREET AND CITY) <u>7777 NE Birmingham Rd, Randolph MO</u>		TIME OF INSPECTION <u>15:54</u>

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 Goth LOT # 13210 EXP. DATE 7/29/2015

SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34°C SIMULATOR SN SD3141 SIMULATOR EXP DATE 11/20/15

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 (0-.04) 0 (.05-.09) 1 (.10-.14) 2 (.15-.19) 1 (OVER .19) 1

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 <u>[Signature]</u>	PRINT NAME <u>Barks, Bradley</u>
TYPE II PERMIT NUMBER/EXPIRATION DATE <u>240420 / 11/24/2016</u>	TELEPHONE NUMBER <u>816-455-9323</u>

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 TV Serial no: 097414
Version no: 5328

TEST RECORD 00021

Temp Date Time 2101 %/

AS Blank

12/28/14 15:23 .000

Callibration Check

22 12/28/14 15:23 .120

Subject Name

Barks

Subject I.D.

le52

Operator Name: I.D.

Barks, 240420

Location

Randolph PD

Test # 3

AS TV Serial no: 097414
Version no: 5328

TEST RECORD 00019

Temp Date Time 2101 %/

AS Blank

12/28/14 15:22 .000

Callibration Check

21 12/28/14 15:22 .120

Subject Name

Barks

Subject I.D.

le52

Operator Name: I.D.

Barks, 240420

Location

Randolph PD

Test # 1

AS TV Serial no: 097414
Version no: 5328

TEST RECORD 00018

Temp Date Time 2101 %/

VOID: RFI

12 12/28/14 15:17

Subject Name

Barks

Subject I.D.

le52

Operator Name: I.D.

Barks, 240420

Location

Randolph PD

RFI Test

AS TV Serial no: 097414
Version no: 5328

TEST RECORD 00017

Temp Date Time 2101 %/

AS Blank

12/28/14 15:16 .000

Callibration Check

20 12/28/14 15:16 .000

Subject Name

Barks

Subject I.D.

le52

Operator Name: I.D.

Barks, 240420

Location

Randolph PD

Blank Test

AS TV Serial no: 097414
Version no: 5328

TEST RECORD 00020

Temp Date Time 2101 %/

AS Blank

12/28/14 16:31 .000

Callibration Check

22 12/28/14 16:31 .101

Subject Name

Barks

Subject I.D.

le52

Operator Name: I.D.

Barks, 240420

Location

Randolph PD

Test # 2



GUTH LABORATORIES, INC.

590 NORTH 67th STREET • HARRISBURG, PA 17111-4811 • TELEPHONE: 717-664-5470

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.



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

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**PERMIT
 TYPE II**

BRADLEY L BARKS

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

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 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

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 BARKS, BRADLEY
 Permit No 240420
 Date Issued 11/24/2014 Date Expires 11/24/2016