RECEIVED
By Carol Day at 10:16 am, Apr 25, 2016

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	PRINTER SN	DATE OF INSPECTION
111326	099.3586.615	04/22/2016

LOCATION OF INSTRUMENT (STREET AND CITY)	TIME OF INSPECTION
201 South Chestnut Ave., Richland MO 65556	8:10 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.

- [x] DIGITAL READOUT (ALL ELEMENTS OPERATIONAL)
- [x] TEMPERATURE OF ALCO SENSOR (10°C - 40°C)
- [x] PRINTER WORKING PROPERLY
- [x] TIME AND DATE DISPLAYING PROPERLY

BREATH ALCOHOL ACCURACY STANDARDS

- [x] SIMULATOR SOLUTION
- [ ] COMPRESSED ETHANOL-GAS MIXTURE

- [x] STANDARD SUPPLIER Guth Laboratories LOT # 15220 EXP. DATE 09/28/2017.
- [x] SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34 SIMULATOR SN DR931 SIMULATOR EXP DATE 12/11/2016

- [x] 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)
  - [x] 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 ☛ .098	TEST 2 ☛ .098	TEST 3 ☛ .096

- [x] 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)
0	0	0	0	0	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).

INSPECTING OFFICER

SIGNATURE	PRINT NAME
	Aaron Baker
TYPE II PERMIT NUMBER/EXPIRATION DATE	**TELEPHONE NUMBER**
250304 12/22/17	(573) 842-1486

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 17111-4511 • TELEPHONE: 717-564-5470

CERTIFICATE OF ANALYSIS

Certified Alcohol Reference Solution for Simulator

Random Samples of Lot Number **15220** of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on **September 30, 2015,** 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 **September 28, 2017** 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: 111326
Version no: 532B

TEST RECORD 00051

Temp	Date	Time	g/210L

Air Blank:
04/22/16 20:10 .000
Calibration Check:
21 04/22/16 20:10 .098

Subject Name
TEST 1

Subject I.D.
n/a

Operator Name, I.D.
A. BAKER 506

Location
Richland MO

Police Dept

AS IV Serial no: 111326
Version no: 532B

TEST RECORD 00052

Temp	Date	Time	g/210L

Air Blank:
04/22/16 20:11 .000
Calibration Check:
21 04/22/16 20:11 .098

Subject Name
TEST 2

Subject I.D.
n/a

Operator Name, I.D.
A. BAKER

Location
Richland MO

Police Dept.

AS IV Serial no: 111326
Version no: 532B

TEST RECORD 00053

Temp	Date	Time	g/210L

Air Blank:
04/22/16 20:13 .000
Calibration Check:
22 04/22/16 20:13 .096

Subject Name
TEST 3

Subject I.D.
—

Operator Name, I.D.
A. BAKER

Location
Richland MO

Police Dept

AS IV Serial no: 111326
Version no: 532B

TEST RECORD 00056

Temp	Date	Time	g/210L

VOID: RFI
12 04/22/16 20:17

Subject Name
RFI / TEST

Subject I.D.
A BAKER 506

Operator Name, I.D.
250304 / 12/22/17

Location
Richland MO

Police Department

AS IV Serial no: 111326
Version no: 532B

TEST RECORD 00054

Temp	Date	Time	g/210L

Air Blank:
04/22/16 20:14 .000
Subject Test: Auto
22 04/22/16 20:14 .000

Subject Name
Blank

Subject I.D.
n/a

Operator Name, I.D.
A. BAKER 506

Location
Richland MO

Police Dept.

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

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PERMIT
TYPE II

AARON BAKER

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 12/22/2015

NUMBER 250304

EXPIRES 12/22/2017

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

MO 580-0771 (6-10) LAB-4 (PS-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 BAKER, AARON
Permit No 250304
Date Issued 12/22/2015 Date Expires 12/22/2017