MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES
STATE PUBLIC HEALTH LABORATORY

ALCO-SENSOR IV WITH PRINTER MAINTENANCE REPORT

REPORT #7

RECEIVED 2/11/14-CD

REVIEWED
By Carol Day at 3:42 pm, Apr 01, 2014

Complete this report in duplicate at the time of the regular monthly preventative maintenance check, and [illegible] 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
030799	84.9324.032	02/03/2014
LOCATION OF INSTRUMENT (STREET AND CITY) 200 Phillip Kearbey Blvd. Poplar Bluff		TIME OF INSPECTION 12:07 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 Labs., Inc. LOT # 13210 EXP. DATE 07/29/2015
- ☑ SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34.0 SIMULATOR SN SD2244 SIMULATOR EXP DATE 03/20/2014
- ☑ 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 ☛ .100	TEST 3 ☛ .100

- ☑ 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 E. Redmond
TYPE II PERMIT NUMBER/EXPIRATION DATE 220329 10/06/2014	TELEPHONE NUMBER (573) 785-8444

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

AN EQUAL OPPORTUNITY/AFFIRMATIVE ACTION EMPLOYER
services provided on a nondiscriminatory basis

AS IV Serial no: 030799
Version no: 004C

TEST RECORD 00467

Temp	Date	Time	210L
			s/
Air Blank:			
	02/03/14	12:07	.000
Calibration Check:			
22	02/03/14	12:07	.101

Subject Name

Subject I.D.

Operator Name, I.D.

2104

Location

AS IV Serial no: 030799
Version no: 004C

TEST RECORD 00468

Temp	Date	Time	210L
			s/
Air Blank:			
	02/03/14	12:09	.000
Calibration Check:			
23	02/03/14	12:09	.100

Subject Name

Subject I.D.

Operator Name, I.D.

2104

Location

AS IV Serial no: 030799
Version no: 004C

TEST RECORD 00469

Temp	Date	Time	210L
			s/
Air Blank:			
	02/03/14	12:10	.000
Calibration Check:			
23	02/03/14	12:10	.100

Subject Name

Subject I.D.

Operator Name, I.D.

2104

Location

AS IV Serial no: 030799
Version no: 004C

TEST RECORD 00470

Temp	Date	Time	210L
			s/
Valid RFI			
12	02/03/14	12:11	

Subject Name

Subject I.D.

Operator Name, I.D.

2104

Location

State of Missouri
DEPARTMENT OF HEALTH

PERMIT
TYPE II

EDDIE REDMOND

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

ALCO-SENSOR IV W/PRINTER

for the determination of the alcoholic content of blood from a sample of expired (alveolar) air. Issued under the provisions of sections 577.020 through 577.041, RSMo 1986.

Date 10/06/2012

Number 220329

Expires 10/06/2014

Director of State Public Health Laboratory

Director, Department of Health

MO 580-0771 (7-88)

Lab. 4 (R7-88)

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 **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°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 **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.