MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES
STATE PUBLIC HEALTH LABORATORY

ALCO-SENSOR IV WITH PRINTER MAINTENANCE REPORT

RECEIVED
By Carol Day at 8:12 am, Feb 19, 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	PRINTER SN	DATE OF INSPECTION
030794	84.9324.031	2/17/14
LOCATION OF INSTRUMENT (STREET AND CITY)		TIME OF INSPECTION
1781 Zumbehl Rd., St Charles, MO 63303		1528hrs

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) ok
- [x] TEMPERATURE OF ALCO SENSOR (10°C - 40°C) ok
- [x] PRINTER WORKING PROPERLY ok
- [x] TIME AND DATE DISPLAYING PROPERLY ok

BREATH ALCOHOL ACCURACY STANDARDS

- [x] SIMULATOR SOLUTION ~~[ ] COMPRESSED ETHANOL-GAS MIXTURE~~
- [x] STANDARD SUPPLIER Guth Laboratories LOT # 12100 EXP. DATE 7/18/14
- [x] SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34.0°C SIMULATOR SN 094948 SIMULATOR EXP DATE 1/17/15
- [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	TEST 2	TEST 3
.102	.101	.101

- [x] RFI DETECTOR OPERATING ok

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)
2	0	0	4	3	4

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).

Switched printers.

INSPECTING OFFICER

SIGNATURE	PRINT NAME
Daniel Gibbons 324	Daniel Gibbons 324
TYPE II PERMIT NUMBER/EXPIRATION DATE	TELEPHONE NUMBER
240034 2/11/2016	(636) 949-3300 x2324

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 **12100** of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on **July 20, 2012,** using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain **0.1217%** (w/vol) ethyl alcohol. The expiration date for this lot number is **July 18, 2014** 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.

AS IV Serial no: 030794
Version no: 004C

TEST RECORD 00699

Temp	Date	Time	g/ 210L
Air Blank:			
	02/17/14	15:28	.000
Calibration Check:			
23	02/17/14	15:28	.102

Subject Name

Subject I.D.

Operator Name, I.D.
D. Gibbons 324

Location
1781 Zumbehl Rd.

St. Charles, Mo 63303

AS IV Serial no: 030794
Version no: 004C

TEST RECORD 00700

Temp	Date	Time	g/ 210L
Air Blank:			
	02/17/14	15:37	.000
Calibration Check:			
23	02/17/14	15:37	.101

Subject Name

Subject I.D.

Operator Name, I.D.
D. Gibbons 324

Location
1781 Zumbehl Rd.

St. Charles, Mo 63303

AS IV Serial no: 030794
Version no: 004C

TEST RECORD 00701

Temp	Date	Time	g/ 210L
Air Blank:			
	02/17/14	15:38	.000
Calibration Check:			
24	02/17/14	15:38	.101

Subject Name

Subject I.D.

Operator Name, I.D.
D. Gibbons 324

Location
1781 Zumbehl Rd.

St. Charles, Mo 63303

AS IV Serial no: 030794
Version no: 004C

TEST RECORD 00702

Temp	Date	Time	g/ 210L
Void: REI			
12	02/17/14	15:39	

Subject Name

Subject I.D.

Operator Name, I.D.
D. Gibbons 324

Location
1781 Zumbehl Rd.

St. Charles, Mo 63303