MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES
STATE PUBLIC HEALTH LABORATORY

ALCO-SENSOR IV WITH PRINTER MAINTENANCE REPORT

RECEIVED 2/5/14 CD

REPORT #

Complete this report in duplicate at the time of the regular monthly preventative maintenance check, and w[illegible]nstrument is repaired. Send copy to Department of Health and Senior Services; retain original in department file.

REVIEWED
By Carol Day at 9:40 am, Mar 14, 2014

ALCO SENSOR IV SN	PRINTER SN	DATE OF INSPECTION
102466	079.3418.057	31 Jan 2014
LOCATION OF INSTRUMENT (STREET AND CITY)		TIME OF INSPECTION
106 Progress Drive Sullivan MO		1025

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) 24°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 Labs LOT # 13210 EXP. DATE 07/29/15
- [x] SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34°C SIMULATOR SN SD3322 SIMULATOR EXP DATE 01/28/15
- [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
.100%	.100%	.100%

- [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)
Ø	1	1	Ø	2	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).

Instrument is operating within D.O.H. specifications

INSPECTING OFFICER

SIGNATURE	PRINT NAME
Gregory A. West	Gregory A. West
TYPE II PERMIT NUMBER/EXPIRATION DATE	TELEPHONE NUMBER
230109 06/04/15	573-468-8001

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 **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.

AS IV Serial no: 102466
Version no: 004C

TEST RECORD 00675

Temp	Date	Time	s/ 210L
Void: RFI			
12	01/31/14	10:38	

Subject Name

Subject I.D.

Operator Name, I.D.

Location

AS IV Serial no: 102466
Version no: 004C

TEST RECORD 00674

Temp	Date	Time	s/ 210L
Air Blank:			
	01/31/14	10:34	.000
Calibration Check:			
25	01/31/14	10:34	.100

Subject Name

Subject I.D.

Operator Name, I.D.

Location

AS IV Serial no: 102466
Version no: 004C

TEST RECORD 00673

Temp	Date	Time	s/ 210L
Air Blank:			
	01/31/14	10:31	.000
Calibration Check:			
24	01/31/14	10:31	.100

Subject Name

Subject I.D.

Operator Name, I.D.

Location

AS IV Serial no: 102466
Version no: 004C

TEST RECORD 00672

Temp	Date	Time	s/ 210L
Air Blank:			
	01/31/14	10:29	.000
Calibration:			
24	01/31/14	10:29	.100

Subject Name

Subject I.D.

Operator Name, I.D.

Location

STATE OF MISSOURI

DEPARTMENT OF HEALTH AND SENIOR SERVICES

BREATH ALCOHOL PROGRAM

2

PERMIT

TYPE II

GREGORY A WEST

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 W/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 06/04/2013

NUMBER 230109

EXPIRES 06/04/2015

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)