MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES
STATE PUBLIC HEALTH LABORATORY

ALCO-SENSOR IV WITH PRINTER MAINTENANCE REPORT

RECEIVED
By Carol Day at 2:42 pm, Oct 17, 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
10260	096.3580.879	10/16/2014
LOCATION OF INSTRUMENT (STREET AND CITY)		TIME OF INSPECTION
123 East Santa Fe Marceline		4:08 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 Labs LOT # 14200 EXP. DATE 08/05/2016

- [x] SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34 SIMULATOR SN SD2276 SIMULATOR EXP DATE 03/12/2015

- [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
.099	.099	.098

- [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
	Captain Robert Donelson
TYPE II PERMIT NUMBER/EXPIRATION DATE	TELEPHONE NUMBER
220364 10/16/2014	(660) 376-3556

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

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 **14200** of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on **August 6, 2014**, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain **0.1213%** (w/vol) ethyl alcohol. The expiration date for this lot number is **August 5, 2016** 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 FNI22211-02 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: 102460
Version no: 532B

TEST RECORD 00082

Temp	Date	Time	s/ 210L

Air Blank:
10/16/14 16:07 .000
Calibration Check:
19 10/16/14 16:07 .099

Subject Name

Subject I.D.

Operator Name, I.D.

Location

123 E SANTA FE

AS IV Serial no: 102460
Version no: 532B

TEST RECORD 00085

Temp	Date	Time	s/ 210L

VOID: RFI
12 10/16/14 16:12

Subject Name

Subject I.D.

Operator Name, I.D.

Location

123 E SANTA FE

AS IV Serial no: 102460
Version no: 532B

TEST RECORD 00083

Temp	Date	Time	21

Air Blank:
10/16/14 16:09 .000
Calibration Check:
19 10/16/14 16:09 .099

Subject Name

Subject I.D.

Operator Name, I.D.

Location

123 E SANTA FE

AS IV Serial no: 102460
Version no: 532B

TEST RECORD 00084

Temp	Date	Time	s/ 210L

Air Blank:
10/16/14 16:10 .000
Calibration Check:
21 10/16/14 16:10 .098

Subject Name

Subject I.D.

Operator Name, I.D.

Location

123 E. SANTA FE

Simulator Calibration Report

This calibration report is to certify the alcohol reference simulator listed below has been examined and tested using standards traceable to the National Institute of Standards and Technology (NIST) in accordance with the standards set by the Missouri Department of Health and Senior Services Rules and Regulations: 19CSR 25-30.051 (4).

Checked:03/12/2014 Expires: **03/12/2015**
MSC Tech: DDD
Temp: 34.01 Digital Therm. SN: 094948
Agency: Marceline Police Department
SD2276

Technician Printed Name: Donald D. DeBoard

Technician Signature: Donald D. DeBoard

Date: 3-12-2014

Contact: Missouri Safety Center

Breath Alcohol Instrument Training Program

660-543-4834

State of Missouri
DEPARTMENT OF HEALTH

PERMIT
TYPE II

ROBERT DONELSON

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 10/16/2012

Number 220364

Expires 10/16/2014

Director of State Public Health Laboratory

Director, Department of Health

MO 550-0771 (7-88)

Lab. 4 (R7-88)