MISSOURI DEPARTMENT OF HEALTH
STATE PUBLIC HEALTH LABORATORY

ALCO-SENSOR IV/RBT IV MAINTENANCE REPORT

RECEIVED
By Carol Day at 12:15 pm, Oct 28, 2014

Complete this report in duplicate at the time of the regular monthly preventive maintenance check, and whenever instrument is repaired. Send copy to Department of Health; retain original in department file.

ALCO SENSOR IV SN	RBT IV SN	DATE OF INSPECTION
097405	08C3556388	10-26-14

LOCATION OF INSTRUMENT (STREET AND CITY)	TIME OF INSPECTION
Steele Police Department 115 S. Walnut Steele	10:20

CHECKLIST: Place a check (✓) to the left of each item if found to be satisfactory or if operating within established limits. (Write in observed values where determined.) Unchecked items must be corrected before using instruments.

- [x] DIGITAL READOUT (ALL ELEMENTS OPERATIONAL)
- [ ] TEMPERATURE OF ALCO SENSOR (10°C - 40°C)
- [x] PRINTER WORKING PROPERLY
- [x] TIME AND DATE DISPLAYING PROPERLY
- [x] CALIBRATION CHECK -
  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
  - [ ] 0.040% STANDARD - MUST READ BETWEEN 0.038% and 0.042% INCLUSIVE

  (ONLY ONE STANDARD IS TO BE USED PER MAINTENANCE REPORT)

TEST 1	TEST 2	TEST 3
.102	.102	.101

- [x] SIMULATOR TEMPERATURE (34° ± .2°C)
- [x] RFI DETECTOR OPERATING
- [ ] NUMBER OF REFUSALS, SINCE LAST MAINTENANCE REPORT, AND NUMBER OF BREATH TESTS IN EACH RANGE AS FOLLOWS: (DO NOT INCLUDE SIMULATOR TESTS)

REFUSALS	(0-.04)	(.05-.09)	(.10-.14)	(.15-.19)	(Over .19)

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)

machine is working within specifications

INSPECTING OFFICER

SIGNATURE	PRINT NAME
Josh Carter	JOSH CARTER

TYPE II PERMIT NUMBER/EXPIRATION DATE	TELEPHONE NUMBER
240348 / 10-3-16	573-695-2100

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 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: 097485
Version no: 532B

TEST RECORD 00088

Temp	Date	Time	g/210L

Air Blank:
10/26/14 10:21 .000
Calibration Check:
10/26/14 10:21 .101

Subject Name

Subject I.D.

Operator Name, I.D.

Location

AS IV Serial no: 097485
Version no: 532B

TEST RECORD 00087

Temp	Date	Time	g/210L

Air Blank:
10/26/14 10:20 .000
Calibration Check:
23 10/26/14 10:20 .102

Subject Name

Subject I.D.

Operator Name, I.D.

Location

AS IV Serial no: 097485
Version no: 532B

TEST RECORD 00089

Temp	Date	Time	g/210L

VOID: RPI
12 10/26/14 10:22

Subject Name

Subject I.D.

Operator Name, I.D.

Location

AS IV Serial no: 097485
Version no: 532B

TEST RECORD 00085

Temp	Date	Time	g/210L

Air Blank:
10/26/14 10:16 .000
Calibration Check:
22 10/26/14 10:16 .102

Subject Name

Subject I.D.

Operator Name, I.D.

Location