



MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES
STATE PUBLIC HEALTH LABORATORY

ALCO-SENSOR IV WITH PRINTER MAINTENANCE REPORT #7

RECEIVED

By Carol Day at 3:15 pm, Aug 11, 2015

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

ALCO SENSOR IV SN <i>087973</i>	PRINTER SN <i>087973</i>	DATE OF INSPECTION <i>08-10-2015</i>
LOCATION OF INSTRUMENT (STREET AND CITY) <i>3005 Oak Street Kansas City</i>		TIME OF INSPECTION <i>22:16</i>

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) *22°C*
- PRINTER WORKING PROPERLY
- TIME AND DATE DISPLAYING PROPERLY

BREATH ALCOHOL ACCURACY STANDARDS

- SIMULATOR SOLUTION COMPRESSED ETHANOL-GAS MIXTURE
- STANDARD SUPPLIER *Cuth Labs* LOT # *15050* EXP. DATE *3-19-2017*
- SIMULATOR TEMPERATURE (34°C ± 0.2°C) *34.0°C* SIMULATOR SN *502681* SIMULATOR EXP DATE *6-26-2016*

- 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 <i>1.01%</i>	TEST 2 <i>1.099%</i>	TEST 3 <i>1.099%</i>
<input checked="" type="checkbox"/> RFI DETECTOR OPERATING <i>Pass</i>		

INDICATE THE NUMBER OF BREATH TESTS IN THE FOLLOWING RANGES SINCE THE LAST MAINTENANCE REPORT: (DO NOT INCLUDE SELF-ADMINISTERED TESTS)

REFUSALS <i>0</i>	(0-.04) <i>2</i>	(.05-.09) <i>2</i>	(.10-.14) <i>2</i>	(.15-.19) <i>2</i>	(OVER .19) <i>2</i>
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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).

None

INSPECTING OFFICER

SIGNATURE <i>[Signature]</i>	PRINT NAME <i>Jeff Cooper</i>
TYPE II PERMIT NUMBER/EXPIRATION DATE <i>240350 10-03-2016</i>	TELEPHONE NUMBER <i>816 235-1515</i>

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.**

680 NORTH 6TH STREET • HARRISBURG, PA 17111-4511 • TELEPHONE: 717-584-8470

CERTIFICATE OF ANALYSIS

Certified Alcohol Reference Solution for Simulator

Random Samples of Lot Number 15050 of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on March 11, 2015, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain 0.1218% (w/vol) ethyl alcohol. The expiration date for this lot number is March 9, 2017 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 FN08051301 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.

WEG.
M.J.

AS IV Serial no: 007973
Version no: 532B

TEST RECORD 00139

Temp Date Time 210L

Air Blank:
08/10/15 22:23 .000
Calibration Check:
23 08/10/15 22:23 .101

Subject Name

Subject I.D.

Operator Name, I.D.

Location

ng2*

AS IV Serial no: 007973
Version no: 532B

TEST RECORD 00142

Temp Date Time 210L

UOIO: RPI
12 08/10/15 22:28

Subject Name

Subject I.D.

Operator Name, I.D.

Location

ng2*

AS IV Serial no: 007973
Version no: 532B

TEST RECORD 00141

Temp Date Time 210L

Air Blank:
08/10/15 22:27 .000
Calibration Check:
26 08/10/15 22:27 .099

Subject Name

Subject I.D.

Operator Name, I.D.

Location

ng*

AS IV Serial no: 007973
Version no: 532B

TEST RECORD 00140

Temp Date Time 210L

Air Blank:
08/10/15 22:26 .000
Calibration Check:
25 08/10/15 22:26 .099

Subject Name

Subject I.D.

Operator Name, I.D.

Location