



MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES
STATE PUBLIC HEALTH LABORATORY
ALCO-SENSOR IV WITH PRINTER MAINTENANCE REPORT

RECEIVED REPORT #7
By Carol Day at 11:21 am, Apr 06, 2015
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Complete this report in duplicate at the time of the regular monthly preventative maintenance check. Send copy to Department of Health and Senior Services; retain original in department file.

ALCO SENSOR IV SN <u>087973</u>	PRINTER SN <u>087973</u>	DATE OF INSPECTION <u>04-05-2015</u>
LOCATION OF INSTRUMENT (STREET AND CITY) <u>5005 Oak Street Kansas City</u>		TIME OF INSPECTION <u>23105 hrs</u>

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) 23°C
- PRINTER WORKING PROPERLY Pass
- TIME AND DATE DISPLAYING PROPERLY Pass

BREATH ALCOHOL ACCURACY STANDARDS

- SIMULATOR SOLUTION COMPRESSED ETHANOL-GAS MIXTURE
- STANDARD SUPPLIER Guth LOT # 13280 EXP. DATE 10-16-15
- SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34.0°C SIMULATOR SN SD2681 SIMULATOR EXP DATE 6-16-2015
- 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 <u>.098%</u>	TEST 2 <u>.098%</u>	TEST 3 <u>.098%</u>
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- RFI DETECTOR OPERATING Pass

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

REFUSALS <u>2</u>	(0-.04) <u>2</u>	(.05-.09) <u>0</u>	(.10-.14) <u>0</u>	(.15-.19) <u>0</u>	(OVER .19) <u>0</u>
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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 <u>Jeff Cooper</u>	PRINT NAME <u>Jeff Cooper</u>
TYPE II PERMIT NUMBER/EXPIRATION DATE <u>240350 10-03-2016</u>	TELEPHONE NUMBER <u>816 235-1515</u>

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.**

690 NORTH 67th STREET • HARRISBURG, PA 17111-4611 • TELEPHONE: 717-634-5470

CERTIFICATE OF ANALYSIS

Certified Alcohol Reference Solution for Simulator

Random Samples of Lot Number 13280 of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on October 18, 2013, 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 October 16, 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.

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AS IV Serial no: 087973
Version no: 532B

TEST RECORD 00116

Temp Date Time 210L

Air Blank: 04/05/15 23:13 .000
Calibration Check: 27 04/05/15 23:13 .098

Subject Name

Subject I.D.

Operator Name, I.D.

Location

Location

Operator Name, I.D.

Subject I.D.

Subject Name

Air Blank: 04/05/15 23:12 .000
Calibration Check: 27 04/05/15 23:12 .098

Temp Date Time 210L

TEST RECORD 00115

AS IV Serial no: 087973
Version no: 532B

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AS IV Serial no: 087973
Version no: 532B

TEST RECORD 00117

Temp Date Time 210L

VOID: RFI
12 04/05/15 23:15

Subject Name

Subject I.D.

Operator Name, I.D.

Location

Location

Operator Name, I.D.

Subject I.D.

Subject Name

Air Blank: 04/05/15 23:10 .000
Calibration Check: 26 04/05/15 23:10 .098

Temp Date Time 210L

TEST RECORD 00114

AS IV Serial no: 087973
Version no: 532B

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