



MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES
STATE PUBLIC HEALTH LABORATORY

ALCO-SENSOR IV WITH PRINTER MAINTENANCE REPORT

received 8/11/14-cd

REPORT #7

REVIEWED

By Carol Day at 12:12 pm, Aug 28, 2014

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.

ALCO SENSOR IV SN <u>102466</u>	PRINTER SN <u>879.3418.057</u>	DATE OF INSPECTION <u>08/03/2014</u>
LOCATION OF INSTRUMENT (STREET AND CITY) <u>106 PROGRESS SULLIVAN, MO</u>		TIME OF INSPECTION <u>2315</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.

<input checked="" type="checkbox"/> DIGITAL READOUT (ALL ELEMENTS OPERATIONAL)
<input checked="" type="checkbox"/> TEMPERATURE OF ALCO SENSOR (10°C - 40°C) <u>25°C</u>
<input checked="" type="checkbox"/> PRINTER WORKING PROPERLY
<input checked="" type="checkbox"/> TIME AND DATE DISPLAYING PROPERLY

BREATH ALCOHOL ACCURACY STANDARDS

<input checked="" type="checkbox"/> SIMULATOR SOLUTION	<input type="checkbox"/> COMPRESSED ETHANOL-GAS MIXTURE
<input checked="" type="checkbox"/> STANDARD SUPPLIER <u>GUTH LABS</u> LOT # <u>14030</u> EXP. DATE <u>01/20/16</u>	
<input checked="" type="checkbox"/> SIMULATOR TEMPERATURE (34°C ± 0.2°C) <u>34°C</u> SIMULATOR SN <u>SD3322</u> SIMULATOR EXP DATE <u>01/28/15</u>	
<input checked="" type="checkbox"/> 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)	
<input checked="" type="checkbox"/> 0.100% STANDARD - MUST READ BETWEEN 0.095% and 0.105% INCLUSIVE	
<input type="checkbox"/> 0.080% STANDARD - MUST READ BETWEEN 0.076% and 0.084% INCLUSIVE	
<input type="checkbox"/> 0.040% STANDARD - MUST READ BETWEEN 0.038% and 0.042% INCLUSIVE	

TEST 1 <u>.098</u>	TEST 2 <u>.099</u>	TEST 3 <u>.097</u>
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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	<u>0</u>	(0-.04)	<u>1</u>	(.05-.09)	<u>2</u>	(.10-.14)	<u>1</u>	(.15-.19)	<u>1</u>	(OVER .19)	<u>3</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).

INSTRUMENT IS OPERATING WITHIN D.O.H. SPECIFICATIONS.

INSPECTING OFFICER

SIGNATURE 	PRINT NAME <u>RALPH E. FINN JR</u>
TYPE II PERMIT NUMBER/EXPIRATION DATE <u>240273 08/13/2016</u>	TELEPHONE NUMBER <u>573-468-8001</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 17111-4511 • TELEPHONE: 717-564-5470

CERTIFICATE OF ANALYSIS

Certified Alcohol Reference Solution for Simulator

Random Samples of Lot Number 14030 of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on January 22, 2014, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain 0.1215% (w/vol) ethyl alcohol. The expiration date for this lot number is January 20, 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.

49 IU Serial no: 102455
Version no: 8028

TEST REPORT 000067

Temp Date Time 21.02

41/ Blank

09/02/14 20:18 .006

0110: Calibration Check:

27 09/02/14 20:18 .097

Subject Name

Operator Name: I.D.

Location

49 IU Serial no: 102456
Version no: 8028

TEST REPORT 000065

Temp Date Time 21.03

41/ Blank

29/02/14 20:15 .006

0110: Calibration Check:

26 09/02/14 20:15 .098

Subject Name

Operator Name: I.D.

Location

49 IU Serial no: 102466
Version no: 8028

TEST REPORT 000068

Temp Date Time 21.01

41/ Blank

12 09/03/14 20:06

0110: Calibration Check:

27 09/03/14 20:06

Subject Name

Operator Name: I.D.

Location

49 IU Serial no: 102466
Version no: 8028

TEST REPORT 000066

Temp Date Time 21.01

41/ Blank

09/03/14 20:16 .006

0110: Calibration Check:

27 09/03/14 20:16 .099

Subject Name

Operator Name: I.D.

Location