



MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES
STATE PUBLIC HEALTH LABORATORY

ALCO-SENSOR IV WITH PRINTER MAINTENANCE REPORT

RECEIVED 8/5/14-**CB** REPORT #7

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.

REVIEWED per instrument is repaired.
By Carol Day at 8:58 am, Aug 28, 2014

ALCO SENSOR IV SN 097439	PRINTER SN 096.3580.990	DATE OF INSPECTION 07/31/2014
LOCATION OF INSTRUMENT (STREET AND CITY) 2009 Chevrolet 1/2 ton truck / Osage Beach Parkway, Osage Beach		TIME OF INSPECTION 7:00 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.

- DIGITAL READOUT (ALL ELEMENTS OPERATIONAL)
- TEMPERATURE OF ALCO SENSOR (10°C - 40°C)
- PRINTER WORKING PROPERLY
- 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 Laboratories, Inc.</u>	LOT # <u>13290</u> EXP. DATE <u>10/29/2015</u>
<input checked="" type="checkbox"/> SIMULATOR TEMPERATURE (34°C ± 0.2°C) <u>34</u>	SIMULATOR SN <u>1292</u> SIMULATOR EXP DATE <u>01/03/2015</u>

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 ← .101%	TEST 2 ← .099%	TEST 3 ← .101%
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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	0	(0-.04)	0	(.05-.09)	0	(.10-.14)	0	(.15-.19)	0	(OVER .19)	0
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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).

INSPECTING OFFICER	
SIGNATURE 	PRINT NAME Trooper J.C. Richardson
TYPE II PERMIT NUMBER/EXPIRATION DATE 230335 / 12/23/2015	TELEPHONE NUMBER (573) 751-1000

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

AS IV Serial no: 097439
Version no: 004C

TEST RECORD 00182

Temp Date Time 210L ^{s/}

Air Blank:
07/31/14 19:03 .000
Calibration Check:
25 07/31/14 19:03 .101

Subject Name

Subject I.D.

Operator Name I.D.

Location

AS IV Serial no: 097439
Version no: 004C

TEST RECORD 00183

Temp Date Time 210L ^{s/}

Void: RFI
12 07/31/14 19:05

Subject Name

Subject I.D.

Operator Name I.D.

Location

AS IV Serial no: 097439
Version no: 004C

TEST RECORD 00180

Temp Date Time 210L ^{s/}

Air Blank:
07/31/14 19:00 .000
Calibration Check:
24 07/31/14 19:00 .101

Subject Name

Subject I.D.

Operator Name I.D.

Location

AS IV Serial no: 097439
Version no: 004C

TEST RECORD 00181

Temp Date Time 210L ^{s/}

Air Blank:
07/31/14 19:02 .000
Calibration Check:
24 07/31/14 19:02 .099

Subject Name

Subject I.D.

Operator Name I.D.

Location



GUTH LABORATORIES, INC.

800 NORTH 6TH STREET • HARRISBURG, PA 17111-4511 • TELEPHONE: 717-664-6470

CERTIFICATE OF ANALYSIS

Certified Alcohol Reference Solution for Simulator

Random Samples of Lot Number 13290 of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on October 31, 2013, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain 0.1202% (w/vol) ethyl alcohol. The expiration date for this lot number is October 29, 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.