



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 2:21 pm, Feb 04, 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 file.

ALCO SENSOR IV SN <u>102939</u>	PRINTER SN <u>096.3580.522</u>	DATE OF INSPECTION <u>01/29/2014</u>
LOCATION OF INSTRUMENT (STREET AND CITY) <u>10405 MO-180 ST ANN</u>		TIME OF INSPECTION <u>0900</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) 34.0c
- PRINTER WORKING PROPERLY
- TIME AND DATE DISPLAYING PROPERLY

BREATH ALCOHOL ACCURACY STANDARDS

- SIMULATOR SOLUTION COMPRESSED ETHANOL-GAS MIXTURE
- STANDARD SUPPLIER GUTH LAB LOT # 13010 EXP. DATE 01/29/2015
- SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34.0c SIMULATOR SN DR 2856 SIMULATOR EXP DATE 07/10/2014

- 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>.100</u>	TEST 2 <u>.100</u>	TEST 3 <u>.100</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>1</u>	(0-.04)	<u>—</u>	(.05-.09)	<u>—</u>	(.10-.14)	<u>—</u>	(.15-.19)	<u>3</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).

INSPECTING OFFICER

SIGNATURE <u>William M. Goodrich</u>	PRINT NAME <u>William M. Goodrich</u>
TYPE II PERMIT NUMBER/EXPIRATION DATE <u>230092 05/28/2015</u>	TELEPHONE NUMBER <u>(314) 427-8000</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.

590 NORTH 67th STREET • HARRISBURG, PA 17111-4611 • TELEPHONE: 717-664-6470

CERTIFICATE OF ANALYSIS

Certified Alcohol Reference Solution for Simulator

Random Samples of Lot Number 13010 of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on January 14, 2013, 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 January 9, 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.

AS IV Serial no: 102939
Version no: 014D

TEST RECORD 00538

Temp Date Time ZBAC

Air Blank:
01/27/14 09:26 .000
Calibration:
25 01/27/14 09:26 .100

Subject Name

TEST

Subject I.D.

Operator Name, I.D.

GOODRICH 230092

Location

10405 MD-180

ST ANN

AS IV Serial no: 102939
Version no: 014D

TEST RECORD 00537

Temp Date Time ZBAC

Air Blank:
01/27/14 09:21 .000
Calibration:
25 01/27/14 09:21 .100

Subject Name

TEST

Subject I.D.

Operator Name, I.D.

GOODRICH 230092

Location

10405 MD-180

ST ANN

AS IV Serial no: 102939
Version no: 014D

TEST RECORD 00549

Temp Date Time ZBAC

Void: RFI
12 01/27/14 09:33

Subject Name

TEST

Subject I.D.

Operator Name, I.D.

GOODRICH 230092

Location

10405 MD-180

ST ANN

AS IV Serial no: 102939
Version no: 014D

TEST RECORD 00539

Temp Date Time ZBAC

Air Blank:
01/27/14 09:31 .000
Calibration:
24 01/27/14 09:31 .100

Subject Name

TEST

Subject I.D.

Operator Name, I.D.

GOODRICH 230092

Location

10405 MD-180

ST ANN



STATE OF MISSOURI
 DEPARTMENT OF HEALTH AND SENIOR SERVICES
 BREATH ALCOHOL PROGRAM



PERMIT
TYPE II

WILLIAM M GOODRICH

is hereby authorized to instruct and supervise operators, train instructors, inspect, calibrate, perform field service and repairs, and operate the following breath analyzer(s):

ALCO-SENSOR IV W/PRINTER

for the determination of the alcoholic content of blood from a sample of expired air. Permit issued under the provisions of sections 577.020 through 577.041, RSMo and 306.111 through 306.119 RSMo.

DATE 05/28/2013

NUMBER 230092

EXPIRES 05/28/2015

W M Goodrich

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

Shal Warkentin
 Acting Director

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES