



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

**RECEIVED**  
By Carol Day at 4:40 pm, May 20, 2016

REPORT #7

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>102470</u>	PRINTER SN <u>086.3419.040</u>	DATE OF INSPECTION <u>05/09/2016</u>
LOCATION OF INSTRUMENT (STREET AND CITY) <u>10405 MO-180 ST ANN</u>		TIME OF INSPECTION <u>0810 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)

PRINTER WORKING PROPERLY

TIME AND DATE DISPLAYING PROPERLY

**BREATH ALCOHOL ACCURACY STANDARDS**

SIMULATOR SOLUTION                       COMPRESSED ETHANOL-GAS MIXTURE

STANDARD SUPPLIER GUTH LAB                      LOT # 15120                      EXP. DATE 04/29/2017

SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34.0c                      SIMULATOR SN DR5856                      SIMULATOR EXP DATE 10/07/2016

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 • <u>096</u>	TEST 2 • <u>096</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	(0-.04)	(.05-.09)	(.10-.14)	(.15-.19)	(OVER .19) <u>1</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 Goodrich</u>	PRINT NAME <u>William Goodrich</u>
TYPE II PERMIT NUMBER/EXPIRATION DATE <u>240245 05/19/2016</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 17111-4511 • TELEPHONE: 717-664-5470

### CERTIFICATE OF ANALYSIS

Certified Alcohol Reference Solution for Simulator

Random Samples of Lot Number 15120 of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on May 4, 2015, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain 0.1209% (w/vol) ethyl alcohol. The expiration date for this lot number is April 29, 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.*

AS 10 Serial no: 102470  
Version no: 002B

TEST RECORD: 00709

Temp Date Time 210L

Air Blank: 05/09/16 00125

Subject Test: Man

Subject Name

TEST

Subject I.D.

Operator Name: I.D.

Goodrich 240245

Location

10405 MO-180

ST ANN

AS 10 Serial no: 102470  
Version no: 002B

TEST RECORD: 00205

Temp Date Time 210L

Air Blank: 05/09/16 00120 .000

Subject Test: Man

Subject Name

TEST

Subject I.D.

Operator Name: I.D.

Goodrich 240245

Location

10405 MO-180

ST ANN

AS 10 Serial no: 102470  
Version no: 002B

TEST RECORD: 00205

Temp Date Time 210L

Air Blank: 05/09/16 00116 .000

Subject Test: Man

Subject Name

TEST

Subject I.D.

Operator Name: I.D.

Goodrich 240245

Location

10405 MO-180

ST ANN

AS 10 Serial no: 102470  
Version no: 002B

TEST RECORD: 00207

Temp Date Time 210L

Air Blank: 05/09/16 00124 .000

Subject Test: Man

Subject Name

TEST

Subject I.D.

Operator Name: I.D.

Goodrich 240245

Location

10405 MO-180

ST ANN



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

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**PERMIT**  
**TYPE II**

**WILLIAM M GOODRICH**

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

**ALCO-SENSOR IV WITH PRINTER, INTOX EC/IR II**

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 5/19/2014

NUMBER 240245

EXPIRES 5/19/2016

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES



THIS SIGNAL REPORTS 600 MHz AND WITHIN DSSB with decoupled specifications (49CFR 25.30.150)

SIMULATOR SERIAL NO.	<u>DR2836</u>
EXPIRATION DATE	<u>10/07/2016</u>
DATE OF CALIBRATION CHECK	10/07/2015
MISTRIP TEST SERIAL NO.	093752
AVERAGE SIM TEMP	34.00°C
ANALYST INITIALS	FWM/A