



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

REPORT #7

Complete this report in duplicate at the time of the regular monthly preventative maintenance check, and send copy to Department of Health and Senior Services; retain original in department file. **RECEIVED**
By Carol Day at 10:20 am, Oct 05, 2015

ALCO SENSOR IV SN 030805	PRINTER SN 099.3586.179	DATE OF INSPECTION 09/21/2015
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LOCATION OF INSTRUMENT (STREET AND CITY) 302 S MAIN ST SOUTHWEST CITY MO	TIME OF INSPECTION 3:00 pm
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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 LABS LOT # 15120 EXP. DATE 04/29/2017

SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34.0 SIMULATOR SN DR3476 SIMULATOR EXP DATE 03/27/2016

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 .102

TEST 2 .103

TEST 3 .100

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).

INSTRUMENT WAS RECALIBRATED AFTER SHOWING READINGS TO LOW FOR ALLOWABLE VARIANCES TO SIMULATOR SOLUTION

INSPECTING OFFICER

SIGNATURE

PRINT NAME
RICHARD LANCE

TYPE II PERMIT NUMBER/EXPIRATION DATE
240205 04/30/2016

TELEPHONE NUMBER
(417) 762-3768

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

Operator LANCE, RICK
 Permit No 240205
 Date Issued 4/30/2014 Date Expires 4/30/2016



The named cardholder is authorized to operate an evidential breath alcohol instrument for the determination of the alcoholic content in breath form of expired air in Missouri.

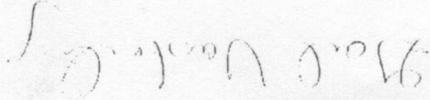
STATE OF MISSOURI
 DEPARTMENT OF HEALTH AND SENIOR SERVICES
 BREATH ALCOHOL PROGRAM
INSTRUMENT OPERATOR CARD

DATE 4/30/2014
 NUMBER 240205
 EXPIRES 4/30/2016

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY



DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES



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.

ALCO-SENSOR IV WITH PRINTER

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

RICK LANCE

TYPE II

PERMIT

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





GUTH LABORATORIES, INC.

590 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 **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 $34^{\circ}\text{C} \pm .2^{\circ}\text{C}$, this solution will give a breath alcohol analysis instrument reading of **0.100 g/210L \pm 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 IV Serial no: 030805
Version no: 532B

TEST RECORD 00188

Temp Date Time 210L

Air Blank:
09/21/15 15:04 .000
Calibration Check:
30 09/21/15 15:04 .100

Subject Name

TEST # 3

Subject I.D.

R. LAWCE

Operator Name, I.D.

240205

Location

302 S. MA. NIST

Southwest City

Mo 64863

AS IV Serial no: 030805
Version no: 532B

TEST RECORD 00189

Temp Date Time 210L

VOID: RFI
12 09/21/15 15:05

Subject Name

RFI TEST

Subject I.D.

R. LAWCE

Operator Name, I.D.

240205

Location

302 S. MA. NIST

SWC Mo 64863

AS IV Serial no: 030805
Version no: 532B

TEST RECORD 00186

Temp Date Time 210L

Air Blank:
09/21/15 15:01 .000
Calibration Check:
30 09/21/15 15:01 .102

Subject Name

TEST # 1

Subject I.D.

R. LAWCE

Operator Name, I.D.

240205

Location

302 S. MA. NIST

SWC Mo 64863

AS IV Serial no: 030805
Version no: 532B

TEST RECORD 00187

Temp Date Time 210L

Air Blank:
09/21/15 15:03 .000
Calibration Check:
30 09/21/15 15:03 .103

Subject Name

TEST # 2

Subject I.D.

R. LAWCE

Operator Name, I.D.

240205

Location

302 S. MA. NIST

SWC Mo 64863