



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 whenever instrument is repaired. Send copy to Department of Health and Senior Services; retain original in department file.

| | | |
|-----------------------------|----------------------------|----------------------------------|
| ALCO SENSOR IV SN 102460 | PRINTER SN 096.3580.879 | DATE OF INSPECTION 03/01/2016 |
|-----------------------------|----------------------------|----------------------------------|

| | |
|--|-------------------------------|
| LOCATION OF INSTRUMENT (STREET AND CITY) 123 E Santa Fe Marceline | TIME OF INSPECTION 4:56 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

SIMULATOR SOLUTION COMPRESSED ETHANOL-GAS MIXTURE

STANDARD SUPPLIER Guth Labs LOT # 14200 EXP. DATE 08/05/2016

SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34 SIMULATOR SN SD2267 SIMULATOR EXP DATE 04/07/2016

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>.104</u> | TEST 2 <u>.103</u> | TEST 3 <u>.103</u> |
|--------------------|--------------------|--------------------|

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 |
|----------|---|---------|---|-----------|---|-----------|---|-----------|---|------------|---|

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 <i>Wendell Shrock</i> | PRINT NAME Wendell Shrock |
| TYPE II PERMIT NUMBER/EXPIRATION DATE 260103 02-22-2018 | TELEPHONE NUMBER (660) 376-3556 |

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: 717-564-5470

CERTIFICATE OF ANALYSIS

Certified Alcohol Reference Solution for Simulator

Random Samples of Lot Number 14200 of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on August 6, 2014, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain 0.1213% (w/vol) ethyl alcohol. The expiration date for this lot number is August 5, 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 Certified Reference Standard lot number FNI22211-02 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.

Operator Name, I.D.

AS IV Serial no: 102460
Version no: 532B

TEST RECORD 00257

Temp Date Time 2100

Air Blank: 03/01/16 16:56 .000
Calibration Check: 20 03/01/16 16:55 .104

Subject Name

Subject I.D.

Shrock

Operator Name, I.D.

Shrock

Location

123 E Santa Fe

AS IV Serial no: 102460
Version no: 532B

TEST RECORD 00258

Temp Date Time 2100

Air Blank: 03/01/16 17:00 .000
Calibration Check: 22 03/01/16 17:00 .103

Subject Name

Subject I.D.

Operator Name, I.D.

Shrock

Location

123 E Santa Fe

AS IV Serial no: 102460
Version no: 532B

TEST RECORD 00259

Temp Date Time 2100

Air Blank: 03/01/16 17:02 .000
Calibration Check: 20 03/01/16 17:02 .100

Subject Name

Subject I.D.

Operator Name, I.D.

Shrock

Location

123 E Santa Fe

AS IV Serial no: 102460
Version no: 532B

TEST RECORD 00260

Temp Date Time 2100

VOID: RFI
12 03/01/16 17:06

Subject Name

Subject I.D.

Operator Name, I.D.

Shrock

Location

123 E Santa Fe



Simulator Calibration Report

This calibration report is to certify the alcohol reference simulator listed below has been examined and tested using standards traceable to the National Institute of Standards and Technology (NIST) in accordance with the standards set by the Missouri Department of Health and Senior Services Rules and Regulations:
19 CSR 25-30.051 (4).

Checked: 04/07/2015 Expires: 04/07/2016

Digital Therm. SN:093752

MSC Tech:DRL Temp: 34.01

Agency: Marceline Police Department

SD 2276



Technician Printed Name: DAN LUCAS

Technician Signature: [Handwritten Signature]

Date: 4/7/2015

Contact: Missouri Safety Center

Breath-Alcohol Instrument Training Program

660-543-4834



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



**PERMIT
TYPE II**

WENDELL G SHROCK

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 WITH 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 2/22/2016

NUMBER 260103

EXPIRES 2/22/2018

MO 680-0771 (6-10)

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

LAB-4 (RS-10)

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

INSTRUMENT OPERATOR CARD

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.

Operator SHROCK, WENDELL
Permit No 260103
Date issued 2/22/2016 Date Expires 2/22/2018