



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

REVIEWED
 By Carol Day at 4:37 pm, Jun 20, 2016

Complete this report in duplicate at the time of the regular monthly preventive maintenance check, and whenever instrument is repaired. Send copy to Department of Health and Senior Services; retain original in duplicate.

ALCO SENSOR IV SN 102460	PRINTER SN 096.3580.879	DATE OF INSPECTION 05/12/2016
LOCATION OF INSTRUMENT (STREET AND CITY) 123 E Santa Fe Marceline, Mo. 64658		TIME OF INSPECTION 12:45 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 SD2276 SIMULATOR EXP DATE 05/01/2017

- 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 → .096 TEST 2 → .096 TEST 3 → .095

- 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).

Everything working well.

INSPECTING OFFICER

SIGNATURE *Wendell Shrock* PRINT NAME
 Wendell Shrock

TYPE II PERMIT NUMBER/EXPIRATION DATE TELEPHONE NUMBER
 260103 02-22-2018 (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 6TH 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 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.

1

AS IV Serial no: 182468
Version no: 532B

TEST RECORD 06279 s/

Temp Date Time 210L

Air Blank: 05/12/16 12:42 .000

Subject Test: Man 19 05/12/16 12:42 .096

Subject Name: Blank Test 1

Subject I.D.: Skroek

Operator Name, I.D.: Skroek 1127

Location: 123 E Santa Fe

2

AS IV Serial no: 182468
Version no: 532B

TEST RECORD 06280 s/

Temp Date Time 210L

Air Blank: 05/12/16 12:44 .000

Subject Test: Man 20 05/12/16 12:44 .096

Subject Name: Blank Test 2

Subject I.D.: Skroek

Operator Name, I.D.: Skroek 1127

Location: 123 E Santa Fe

3

AS IV Serial no: 182468
Version no: 532B

TEST RECORD 06282 s/

Temp Date Time 210L

Air Blank: 05/12/16 12:48 .000

Subject Test: Man 22 05/12/16 12:48 .095

Subject Name: Blank Test 3

Subject I.D.: Skroek

Operator Name, I.D.: Skroek 1127

Location: 123 E Santa Fe

AS IV Serial no: 182468
Version no: 532B

TEST RECORD 06283 s/

Temp Date Time 210L

VOID: RFI 12 05/12/16 12:52

Subject Name: RFI Test

Subject I.D.: Skroek

Operator Name, I.D.: Skroek 1127

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 (R6-10)

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**



Missouri Department of Health and Senior Services

P.O. Box 570, Jefferson City, MO 65102-0570 Phone: 673-751-6400 FAX: 673-751-6010

RELAY MISSOURI for Hearing and Speech Impaired 1-800-735-2966 VOICE 1-800-735-2466

Peter Lyskowski
DirectorJeremiah W. (Jay) Nixon
Governor**SIMULATOR CERTIFICATION REPORT****SIMULATOR INFORMATION**

Simulator Serial Number: SD2276 Manufacturer: Guth

Model Number: 10-4D

Agency: MARCELINE PD

Agency Address: 123 E SANTA FE, MARCELINE, MO 64658

NIST THERMOMETER INFORMATION

Serial Number: 093752 Bias: 0.00

Uncertainty: 0.02

Date of Certification: 9/8/2015 Date of Expiration: 9/8/2016

ENVIRONMENTAL CONDITIONS

The environmental conditions during testing are within the tolerances of DHSS BAP method 3.

VERIFICATION RESULTS

<u>Simulator Average</u>	<u>NIST Average</u>	<u>Combined Uncertainty</u>
34.00	34.00	.02

The combined uncertainty is calculated with a k=2 value.

ADJUSTMENT RESULTS

No adjustment was needed.

Date of testing: 5/10/2016

Certification Expiration: 5/10/2017

Simulator testing technician: R WELSH

Notes on Condition: none

Deviation(s) from method: none

DHSS BAP Scientist Approving: ELLEN STRAWSINE

Certification No: SD2276_5102016

X

DHSS BAP Scientist Approving