



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

RECEIVED
 By Carol Day at 12:08 pm, Nov 04, 2014

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 097419	PRINTER SN 096.3580.861	DATE OF INSPECTION 11/03/2014
LOCATION OF INSTRUMENT (STREET AND CITY) 301 S Main Palmyra		TIME OF INSPECTION 6:06 am

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 Laboratories LOT # 14110 EXP. DATE 05/01/2016

SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34.0 SIMULATOR SN DR5308 SIMULATOR EXP DATE 07/14/2015

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 .097	TEST 2 .099	TEST 3 .100
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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	(0-.04)	0	(.05-.09)	0	(.10-.14)	1	(.15-.19)	1	(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).

Changed battery.

INSPECTING OFFICER

SIGNATURE 	PRINT NAME Ronald C. Peer, Jr.
TYPE II PERMIT NUMBER/EXPIRATION DATE 240306/07-22-2016	TELEPHONE NUMBER (573) 769-5540

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

AS IV Serial no: 097419
Version no: 532B

TEST RECORD 00094

Temp Date Time 210L

Air Blank:
11/03/14 06:06 .000
Calibration Check:
23 11/03/14 06:06 .097

Subject Name

CALIBRATION CHECK

Subject I.D.

Operator Name: I.D.

Ronald Chief 501

Location

Panthers PD

AS IV Serial no: 097419
Version no: 532B

TEST RECORD 00095

Temp Date Time 210L

Air Blank:
11/03/14 06:07 .000
Calibration Check:
24 11/03/14 06:07 .099

Subject Name

CALIBRATION CHECK

Subject I.D.

Operator Name: I.D.

Ronald Chief 501

Location

Panthers PD

AS IV Serial no: 097419
Version no: 532B

TEST RECORD 00096

Temp Date Time 210L

Air Blank:
11/03/14 06:08 .000
Calibration Check:
24 11/03/14 06:08 .100

Subject Name

CALIBRATION CHECK

Subject I.D.

Operator Name: I.D.

Ronald Chief 501

Location

Panthers PD

AS IV Serial no: 097419
Version no: 532B

TEST RECORD 00097

Temp Date Time 210L

VOID: RFI
12 11/03/14 06:10

Subject Name

RFI TEST

Subject I.D.

Operator Name: I.D.

Ronald Chief 501

Location

Panthers PD



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 **14110** of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on **May 5, 2014**, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain **0.1206%** (w/vol) ethyl alcohol. The expiration date for this lot number is **May 1, 2016** 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%**.

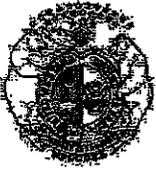
The alcohol and water used in this solution were free of test interfering substances.

Ted L. Pauley, President
GUTH LABORATORIES, INC.

NIST Traceability:

Testing was conducted using Cerilliant Reference Standard lot number 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.



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



PERMIT
TYPE II

RONALD C PEER

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 506.111 through 506.119 RSMo.

DATE 7/22/2014

NUMBER 240306

EXPIRES 7/22/2016

MS-500(07/14)(9-10)



DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

Gal Vosterly

acting director
DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

LAD-5/12/10

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.

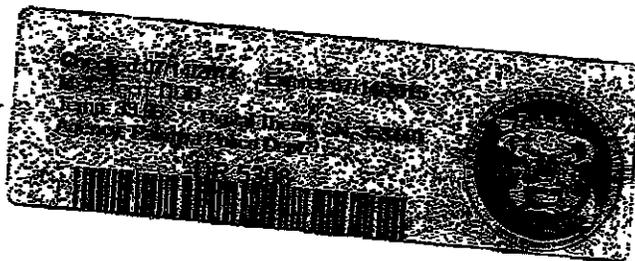


Operator PEER, RONALD
Permit No 240306
Date Issued 7/22/2014 Date Expires 7/22/2016



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).



Technician Printed Name: Donald D. DeBeard

Technician Signature: Donald D. DeBeard

Date: 07/14/2014

Contact: Missouri Safety Center

Breath Alcohol Instrument Training Program

660-543-4834