



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

RECEIVED
 By Carol Day at 12:11 pm, Jun 25, 2014

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 105443	PRINTER SN 099.3586.172	DATE OF INSPECTION 06/21/2014
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LOCATION OF INSTRUMENT (STREET AND CITY) 100 Municipal Cir. Raymore	TIME OF INSPECTION 8:33 am
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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) 25° C
- PRINTER WORKING PROPERLY
- TIME AND DATE DISPLAYING PROPERLY

BREATH ALCOHOL ACCURACY STANDARDS

- SIMULATOR SOLUTION COMPRESSED ETHANOL-GAS MIXTURE
- STANDARD SUPPLIER Guth Laboratories LOT # 14030 EXP. DATE 01/20/2016
- SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34.0 SIMULATOR SN SD2256 SIMULATOR EXP DATE 04/22/2015

- 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 <u>.098</u>	TEST 2 <u>.099</u>	TEST 3 <u>.099</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	<u>0</u>	(0-.04)	<u>0</u>	(.05-.09)	<u>0</u>	(.10-.14)	<u>2</u>	(.15-.19)	<u>1</u>	(OVER .19)	<u>0</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).

Instrument is operating within Department of Health guidelines.

INSPECTING OFFICER

SIGNATURE <u>Joshua B. Giaccone #91A</u>	PRINT NAME Joshua Giaccone
TYPE II PERMIT NUMBER/EXPIRATION DATE 240201 04/30/2016	TELEPHONE NUMBER (816) 331-0530

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 **14030** of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on **January 22, 2014**, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain **0.1215%** (w/vol) ethyl alcohol. The expiration date for this lot number is **January 20, 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 $0.100 \text{ g}/210\text{L} \pm 3\%$.

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.

AS IV Serial no: 105443
Version no: 532B

TEST RECORD 00290

Temp Date Time 210L^{9/}

Air Blank:
06/21/14 08:34 .000
Calibration Check:
25 06/21/14 08:34 .098

Subject Name

Maintenance

Subject I.D.

J. Giaccone #91A

Operator Name, I.D.

Raymore P.D.

Location

AS IV Serial no: 105443
Version no: 532B

TEST RECORD 00291

Temp Date Time 210L^{9/}

Air Blank:
06/21/14 08:37 .000
Calibration Check:
25 06/21/14 08:37 .099

Subject Name

Maintenance

Subject I.D.

J. Giaccone #91A

Operator Name, I.D.

Raymore P.D.

Location

AS IV Serial no: 105443
Version no: 532B

TEST RECORD 00292

Temp Date Time 210L^{9/}

Air Blank:
06/21/14 08:39 .000
Calibration Check:
26 06/21/14 08:39 .099

Subject Name

Maintenance

Subject I.D.

J. Giaccone #91A

Operator Name, I.D.

Raymore P.D.

Location

AS IV Serial no: 105443
Version no: 532B

TEST RECORD 00293

Temp Date Time 210L^{9/}

VOID: RFI
12 06/21/14 08:41

Subject Name

Maintenance

Subject I.D.

J. Giaccone #91A

Operator Name, I.D.

Raymore P.D.

Location



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



PERMIT
TYPE II
JOSHUA B GIACONE

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, 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 4/30/2014

NUMBER 240201

EXPIRES 4/30/2016

A handwritten signature in black ink, appearing to read 'W. Vesterly'.

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

A handwritten signature in black ink, appearing to read 'Gail Vesterly'.

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES



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: 19CSR 25-30.051 (4).

Checked: 4/22/2014 Expires: 04/22/2015
Digital Therm. SN:094948
MSC Tech:DRL Temp:33.97
Agency: Raymore Police Dept
SD 2256



Technician Printed Name:

DAN LUCAS

Technician Signature:

[Handwritten Signature]

Date:

04/22/2014

Contact: Missouri Safety Center

Breath Alcohol Instrument Training Program

660-543-4834