



STATE PUBLIC HEALTH LABORATORY

ALCO-SENSOR IV WITH PRINTER MAINTENANCE REPORT

RECEIVED

By Carol Day at 8:56 am, Jan 29, 2015

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 102468	PRINTER SN 095-3583-748	DATE OF INSPECTION 01/29/2015
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LOCATION OF INSTRUMENT (STREET AND CITY) CHARLACK POLICE DEPARTMENT 8401 MIDLAND BLVD. CHARLACK, MO. 63114	TIME OF INSPECTION 8:00 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)

PRINTER WORKING PROPERLY

TIME AND DATE DISPLAYING PROPERLY

BREATH ALCOHOL ACCURACY STANDARDS

SIMULATOR SOLUTION COMPRESSED ETHANOL-GAS MIXTURE

STANDARD SUPPLIER GUTH LABORATORIES LOT # 14200 EXP. DATE 08/05/2016

SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34.0 SIMULATOR SN SD2760 SIMULATOR EXP DATE 01/15/2016

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 0.099TEST 2 0.099TEST 3 0.100

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)	1
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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).

Replaced 9 volt battery

INSPECTING OFFICER

SIGNATURE

[Signature] 464

PRINT NAME

SGT. ERIC SONTHEIMER #64

TYPE II PERMIT NUMBER/EXPIRATION DATE

250009 exp 01/02/2017

TELEPHONE NUMBER

(314) 427-4715

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.

890 NORTH 67th STREET • HARRISBURG, PA 17111-4611 • TELEPHONE: 717-694-6470

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 $34^{\circ}\text{C} \pm .2^{\circ}\text{C}$, 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: 102468
Version no: 532B

TEST RECORD 00164

Temp Date Time ^{s/} 210L

Air Blank:
01/29/15 08:00 .000
Calibration Check:
23 01/29/15 08:00 .099

Subject Name

SF MUCATON

Subject I.D.

Operator Name, I.D.

SGT ← ← Cos

Location

CPI

AS IV Serial no: 102468
Version no: 532B

TEST RECORD 00165

Temp Date Time ^{s/} 210L

Air Blank:
01/29/15 08:02 .000
Calibration Check:
23 01/29/15 08:02 .099

Subject Name

SF MUCATON

Subject I.D.

Operator Name, I.D.

SGT ← ← Cos

Location

CPI

AS IV Serial no: 102468
Version no: 532B

TEST RECORD 00166

Temp Date Time ^{s/} 210L

Air Blank:
01/29/15 08:03 .000
Calibration Check:
24 01/29/15 08:03 .100

Subject Name

SF MUCATON

Subject I.D.

Operator Name, I.D.

SGT ← ← Cos

Location

CPI

AS IV Serial no: 102468
Version no: 532B

TEST RECORD 00168

Temp Date Time ^{s/} 210L

VOID: RFI
12 01/29/15 08:06

Subject Name

SF MUCATON

Subject I.D.

Operator Name, I.D.

SGT ← ← Cos

Location

CPI



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



**PERMIT
 TYPE II**

ERIC C SONTHEIMER

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 1/2/2015

NUMBER 250009

EXPIRES 1/2/2017

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

acting director

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

MO 580-0771 (8-10)

LAB-4 (R8-10)

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 **SONTHEIMER, ERIC**
 Permit No **260009**
 Date Issued **1/2/2016** Date Expires **1/2/2017**



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: 01/15/2015 Expires: 01/15/2018
MSC Tech: DRL
Temp: 34.00 Digital Therm. SN: 093767
Agency: Charlack Police Dept.



Technician Printed Name: DAW LUCAS

Technician Signature: *Daw Lucas*

Date: 01/15/2015

Contact: Missouri Safety Center

Breath Alcohol Instrument Training Program

660-543-4834