



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

RECEIVED REPORT #7
 By Carol Day at 8:09 am, Feb 09, 2016

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 087971	PRINTER SN 08C . 3556 . 195	DATE OF INSPECTION 02/07/2016
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LOCATION OF INSTRUMENT (STREET AND CITY) Carrollton Police Dept, 206 W Washington St, Carrollton, MO 64633	TIME OF INSPECTION 2:00 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, Inc. LOT # 15120 EXP. DATE 04/29/2017

SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34.0 SIMULATOR SN SD 2771 SIMULATOR EXP DATE 07/15/2016

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 0.95%

TEST 2 0.95%

TEST 3 0.97%

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)	0	(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).

Operating within Mo DHSS standards.

INSPECTING OFFICER

SIGNATURE

PRINT NAME
 Sgt Christopher S. Looney, #502

TYPE II PERMIT NUMBER/EXPIRATION DATE
 250175 / Exp: 07/29/2017

TELEPHONE NUMBER
 (660) 542-3128

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: 087971
Version no: 532B

TEST RECORD 00077

Temp Date Time 210L
s/

Air Blank:
02/07/16 02:00 .000
Subject Test: Auto
20 02/07/16 02:00 .000

Subject Name
Blank Test
Subject I.D.

Operator Name, I.D.
Looney #502
Location
CPD

no

AS IV Serial no: 087971
Version no: 532B

TEST RECORD 00078

Temp Date Time 210L
s/

Air Blank:
02/07/16 02:05 .000
Calibration Check:
20 02/07/16 02:05 .095

Subject Name
Test #1
Subject I.D.

Operator Name, I.D.
Looney, #502
Location
CPD

no

AS IV Serial no: 087971
Version no: 532B

TEST RECORD 00079

Temp Date Time 210L
s/

Air Blank:
02/07/16 02:06 .000
Calibration Check:
21 02/07/16 02:06 .095

Subject Name
Test #2
Subject I.D.

Operator Name, I.D.
Looney, #502
Location
CPD

no

AS IV Serial no: 087971
Version no: 532B

TEST RECORD 00080

Temp Date Time 210L
s/

Air Blank:
02/07/16 02:08 .000
Calibration Check:
22 02/07/16 02:08 .097

Subject Name
Test #3
Subject I.D.

Operator Name, I.D.
Looney, #502
Location

no

AS IV Serial no: 087971
Version no: 532B

TEST RECORD 00081

Temp Date Time 210L
s/

VOID: RFI
12 02/07/16 02:09

Subject Name
RFI Test
Subject I.D.

Operator Name, I.D.
Looney, #502
Location
CPD



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 **15120** of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on **May 4, 2015**, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain **0.1209%** (w/vol) ethyl alcohol. The expiration date for this lot number is **April 29, 2017** 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 FN08051301 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

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**PERMIT
TYPE II**

CHRISTOPHER S LOONEY

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 7/28/2015

NUMBER 250174

EXPIRES 7/28/2017

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

MO 550-0771 (8-10)

LAB 4 (16-10)

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 **LOONEY, CHRISTOPHER**
Permit No **250174**
Date Issued **7/28/2015** Date Expires **7/28/2017**



Missouri Department of Health and Senior Services
 P.O. Box 570, Jefferson City, MO 65102-0570 Phone: 573-751-6400 FAX: 573-751-8010
 RELAY MISSOURI for Hearing and Speech Impaired 1-800-735-2966 VOICE 1-800-735-2466
 Gall Vasterling
 Director



Jeremiah W. (Jay) Nixon
 Governor

Missouri Department of Health and Senior Services Breath Alcohol Program

SIMULATOR CALIBRATION REPORT

This is to certify that the simulator listed below has been examined and tested using standards traceable to the National Institute of Standards and Technology (NIST) in accordance to the standards set by the Rules of Missouri Department of Health and Senior Services, 19 CSR 25-30.

SIMULATOR INFORMATION

Agency: Carrollton Police Department
 Serial Number: SD2771
 Manufacturer: Guth
 Model Number: 10-4D

CALIBRATION RESULTS

<u>Reference Temperature</u>	<u>Simulator Temperature</u>
33.96	34.0

This calibration was performed with NIST-Traceable Thermometer SN: 093752

This simulator was tested by: RWW

This testing was performed: 07/15/2015

Signature of certifying DHSS Scientist:

Name of certifying DHSS Scientist: Brian M. Lutmer