



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

RECEIVED

By Carol Day at 8:28 am, Aug 22, 2016

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 096228	PRINTER SN 097-3584-044	DATE OF INSPECTION 08/19/2016
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LOCATION OF INSTRUMENT (STREET AND CITY) 7700 NATURAL BRIDGE, NORMANDY, MO	TIME OF INSPECTION 11:44 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 LOT # 15120 EXP. DATE 04/29/2017

SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34.0 SIMULATOR SN SD1615 SIMULATOR EXP DATE 07/08/2017

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 ➡ .097

TEST 2 ➡ .099

TEST 3 ➡ .098

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)	1	(.10-.14)	0	(.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).

NONE AT THIS TIME

INSPECTING OFFICER

SIGNATURE


PRINT NAME
 BRANDON W. LANGE

TYPE II PERMIT NUMBER/EXPIRATION DATE
 250161 7/22/2017

TELEPHONE NUMBER
 (314) 385-3300

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: 096228
Version no: 532B

TEST RECORD 00471

Temp Date Time ^{s/} 210L

Air Blank:
08/19/16 11:44 .000
Subject Test: Auto
21 08/19/16 11:44 .000

Subject Name

Damage 200

Subject I.D.

200

Operator Name, I.D.

Damage 200

Location

Normandy P.D

AS IV Serial no: 096228
Version no: 532B

TEST RECORD 00472

Temp Date Time ^{s/} 210L

Air Blank:
08/19/16 11:46 .000
Calibration Check:
22 08/19/16 11:46 .097

Subject Name

maint I

Subject I.D.

N/A

Operator Name, I.D.

Damage 200

Location

Normandy P.D

AS IV Serial no: 096228
Version no: 532B

TEST RECORD 00474

Temp Date Time ^{s/} 210L

Air Blank:
08/19/16 11:49 .000
Calibration Check:
22 08/19/16 11:49 .099

Subject Name

maint 2

Subject I.D.

N/A

Operator Name, I.D.

Damage 200

Location

Normandy P.D

AS IV Serial no: 096228
Version no: 532B

TEST RECORD 00475

Temp Date Time ^{s/} 210L

Air Blank:
08/19/16 11:51 .000
Calibration Check:
23 08/19/16 11:51 .098

Subject Name

maint 3

Subject I.D.

N/A

Operator Name, I.D.

Damage 200

Location

Normandy P.D

AS IV Serial no: 096228
Version no: 532B

TEST RECORD 00473

Temp Date Time ^{s/} 210L

VOID: RFI
12 08/19/16 11:47

Subject Name

R.F.I

Subject I.D.

N/A

Operator Name, I.D.

Damage 200

Location

Normandy P.D



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

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PERMIT
TYPE II

BRANDON W LANGE

hereby authorized to instruct and supervise operators, train instructors, inspect, calibrate, perform field services 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 77.020 through 77.041, RSMo and 306.111 through 306.119 RSMo.

DATE 7/22/2015

NUMBER 250161

EXPIRES 7/22/2017

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

LS94 (8-10)

2590-9771 (8-10)

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 from expired air in Missouri.

Operator LANGE, BRANDON
Permit No 250161
Date Issued 7/22/2015 Date Expires 7/22/2017



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°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 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.