



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 10:21 am, Aug 21, 2015

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 08/19/2015
LOCATION OF INSTRUMENT (STREET AND CITY) NORMANDY PD, 7700 NATURAL BRIDGE, NORMANDY		TIME OF INSPECTION 3:25 pm

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 # 13280 EXP. DATE 10/16/2015

SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34.0 SIMULATOR SN SD1615 SIMULATOR EXP DATE 07/06/2016

- 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 .098 TEST 2 .098 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 1 (0-.04) 1 (.05-.09) 1 (.10-.14) 1 (.15-.19) 1 (OVER .19)

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

INSPECTING OFFICER	
SIGNATURE <i>Brandon W. Lange</i> 208	PRINT NAME BRANDON W. LANGE
TYPE II PERMIT NUMBER/EXPIRATION DATE 250161 7/22/2016	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 00327

Temp Date Time ^{g/} 210L

Air Blank:
08/19/15 15:25 .000
Subject Test: Auto
23 08/19/15 15:25 .000

Subject Name

Blank test

Subject I.D.

P.O. Sange 266

Operator Name, I.D.

P.O. Sange 266

Location

Normandy P.O.

AS IV Serial no: 096228
Version no: 532B

TEST RECORD 00328

Temp Date Time ^{g/} 210L

Air Blank:
08/19/15 15:29 .000
Calibration Check:
23 08/19/15 15:29 .098

Subject Name

mant test 1

Subject I.D.

N/A

Operator Name, I.D.

Sange 266

Location

Normandy P.O.

AS IV Serial no: 096228
Version no: 532B

TEST RECORD 00329

Temp Date Time ^{g/} 210L

Air Blank:
08/19/15 15:31 .000
Calibration Check:
24 08/19/15 15:31 .098

Subject Name

mant test 2

Subject I.D.

N/A

Operator Name, I.D.

Sange 266

Location

Normandy P.O.

AS IV Serial no: 096228
Version no: 532B

TEST RECORD 00330

Temp Date Time ^{g/} 210L

Air Blank:
08/19/15 15:32 .000
Calibration Check:
25 08/19/15 15:32 .098

Subject Name

mant test 3

Subject I.D.

N/A

Operator Name, I.D.

Sange 266

Location

Normandy P.O.

AS IV Serial no: 096228
Version no: 532B

TEST RECORD 00331

Temp Date Time ^{g/} 210L

VOID: RFI
12 08/19/15 15:33

Subject Name

RFI

Subject I.D.

N/A

Operator Name, I.D.

Sange 266

Location

Normandy P.O.



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

2

**PERMIT
TYPE II**

BRANDON W LANGE

is hereby authorized to instruct and supervise operators, train instructors, inspect, calibrate, perform field service and repairs, and operate the following breath analyzer(s):

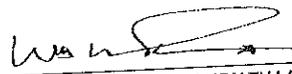
ALCO-SENSOR IV WITH PRINTER

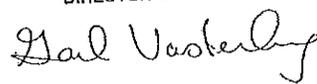
for the determination of the alcoholic content of blood from a sample of expired air. Permit issued under the provisions of sections 577.020 through 577.041, RSMo and 306.111 through 306.119 RSMo.

DATE 7/22/2015

NUMBER 250161

EXPIRES 7/22/2017


DIRECTOR OF STATE PUBLIC HEALTH LABORATORY


DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

LAB-4 (R6-10)

MO 580-0771 (6-10)

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



GUTH LABORATORIES, INC.

690 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 **13280** of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on **October 18, 2013**, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain **0.1217%** (w/vol) ethyl alcohol. The expiration date for this lot number is **October 16, 2015** 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.