



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

REPORT #7

RECEIVED
 By Carol Day at 1:43 pm, Jul 24, 2015

Complete this report in duplicate at the time of the regular monthly preventative maintenance check, and send copy to Department of Health and Senior Services; retain original in department file.

ALCO SENSOR IV SN 087974	PRINTER SN 08C.3556.372	DATE OF INSPECTION 07/21/2015
LOCATION OF INSTRUMENT (STREET AND CITY) 203 N. 2nd Street, Bates City		TIME OF INSPECTION 6:41 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 Laboratories, Inc LOT # 13210 EXP. DATE 07/29/2015

SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34 SIMULATOR SN SD2315 SIMULATOR EXP DATE 11/19/2015

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 ← .105

TEST 2 ← .104

TEST 3 ← .104

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)	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).

INSPECTING OFFICER

SIGNATURE

PRINT NAME
 Virginia DeBoard

TYPE II PERMIT NUMBER/EXPIRATION DATE
 250041 2/10/2017

TELEPHONE NUMBER
 (816) 881-4617

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

5th

AS IV Serial no: 087974
Version no: 532B

TEST RECORD 00034

Temp Date Time 210L
a/

Air Blank:
07/21/15 18:44 .000
Calibration Check:
29 07/21/15 18:44 .104

Subject Name

Subject I.D.

Operator Name, I.D.

DeBoard #984

Location

203 N Second St

Bates City MO

5th

AS IV Serial no: 087974
Version no: 532B

TEST RECORD 00035

Temp Date Time 210L
a/

VOID: RFI
12 07/21/15 18:45

Subject Name

Subject I.D.

Operator Name, I.D.

DeBoard #986

Location

203 N Second St

Bates City MO

5th

AS IV Serial no: 087974
Version no: 532B

TEST RECORD 00032

Temp Date Time 210L
a/

Air Blank:
07/21/15 18:41 .000
Calibration Check:
28 07/21/15 18:41 .105

Subject Name

Subject I.D.

Operator Name, I.D.

DeBoard #986

Location

203 N. Second St

Bates City, MO

5th

AS IV Serial no: 087974
Version no: 532B

TEST RECORD 00033

Temp Date Time 210L
a/

Air Blank:
07/21/15 18:42 .000
Calibration Check:
28 07/21/15 18:42 .104

Subject Name

Subject I.D.

Operator Name, I.D.

DeBoard #986

Location

203 N. Second St

Bates City, MO



GUTH LABORATORIES, INC.

590 NORTH 67th STREET • HARRISBURG, PA 17111-4811 • TELEPHONE: 717-664-6470

CERTIFICATE OF ANALYSIS

Certified Alcohol Reference Solution for Simulator

Random Samples of Lot Number 13210 of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on July 31, 2013, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain 0.1216% (w/vol) ethyl alcohol. The expiration date for this lot number is July 29, 2015 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 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.



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

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PERMIT
TYPE II
VIRGINIA DEBOARD

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 2/10/2015

NUMBER 250041

EXPIRES 2/10/2017

MO 580-0771 (6-10)

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

acting director

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

LAB-4 (R6-10)



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 **DEBOARD, VIRGINIA**
Permit No **250041**
Date Issued **2/10/2015** Date Expires **2/10/2017**