



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

RECEIVED
 By Carol Day at 5:48 am, Mar 02, 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 108268	PRINTER SN 099.3586.791	DATE OF INSPECTION 2/27/2015
LOCATION OF INSTRUMENT (STREET AND CITY) 1781 Zumbetel Rd., St. Charles, Mo 63303		TIME OF INSPECTION 1631hrs

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) **ok**
- TEMPERATURE OF ALCO SENSOR (10°C - 40°C) **ok**
- PRINTER WORKING PROPERLY **ok**
- TIME AND DATE DISPLAYING PROPERLY **ok**

BREATH ALCOHOL ACCURACY STANDARDS

- SIMULATOR SOLUTION COMPRESSED ETHANOL GAS MIXTURE
- STANDARD SUPPLIER Guth Laboratories LOT # 14030 EXP. DATE 1/20/2016
- SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34.0°C SIMULATOR SN SD2248 SIMULATOR EXP DATE 1/15/2016

- 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 0.103	TEST 2 0.105	TEST 3 0.104
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- RFI DETECTOR OPERATING **ok**

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 Daniel Gibbons 324	PRINT NAME Daniel Gibbons 324
TYPE II PERMIT NUMBER/EXPIRATION DATE 240034	TELEPHONE NUMBER (636)949-3300 x2324

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.

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 14030 of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on January 22, 2014, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain 0.1215% (w/vol) ethyl alcohol. The expiration date for this lot number is January 20, 2016 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.

AS IV Serial no: 108268
Version no: 532B

TEST RECORD 00028

Temp Date Time ^{g/} 210L

Air Blank:
02/27/15 16:31 .000
Calibration Check:
22 02/27/15 16:31 .103

Subject Name

Subject I.D.

Operator Name, I.D.

D. Gibbons 324

Location

1781 Zumbeth Rd.

St. Charles, Mo 63303

AS IV Serial no: 108268
Version no: 532B

TEST RECORD 00029

Temp Date Time ^{g/} 210L

Air Blank:
02/27/15 16:32 .000
Calibration Check:
22 02/27/15 16:32 .105

Subject Name

Subject I.D.

Operator Name, I.D.

D. Gibbons 324

Location

1781 Zumbeth Rd.

St. Charles, Mo 63303

AS IV Serial no: 108268
Version no: 532B

TEST RECORD 00030

Temp Date Time ^{g/} 210L

Air Blank:
02/27/15 16:34 .000
Calibration Check:
23 02/27/15 16:34 .104

Subject Name

Subject I.D.

Operator Name, I.D.

D. Gibbons 324

Location

1781 Zumbeth Rd.

St. Charles, Mo 63303

AS IV Serial no: 108268
Version no: 532B

TEST RECORD - REPRINT

TEST RECORD 00031

Temp Date Time ^{g/} 210L

VOID: RFI
12 02/27/15 16:35

Subject Name

Subject I.D.

Operator Name, I.D.

D. Gibbons 324

Location

1781 Zumbeth Rd.

St. Charles, Mo 63303



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



**PERMIT
 TYPE II**

DANIEL P GIBBONS

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, INTOX EC/IR II

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 1/20/2015

NUMBER 250021

EXPIRES 1/20/2017

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

,acting director

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES



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 GIBBONS, DANIEL
 Permit No 250021
 Date Issued 1/20/2015 Date Expires 1/20/2017