



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

RECEIVED
 By Carol Day at 3:55 pm, Aug 12, 2014

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 107973	PRINTER SN 099.3586.816	DATE OF INSPECTION 08/07/2014
LOCATION OF INSTRUMENT (STREET AND CITY) 8944 ST CHARLES ROCK ROAD, ST JOHN		TIME OF INSPECTION 11:04 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 # 14030 EXP. DATE 01/20/2016

SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34.0 SIMULATOR SN SD3317 SIMULATOR EXP DATE 07/14/2015

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 \blacktriangleright .099	TEST 2 \blacktriangleright .098	TEST 3 \blacktriangleright .099
-----------------------------------	-----------------------------------	-----------------------------------

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)	1	(.15-.19)	0	(OVER .19)	1
----------	---	---------	---	-----------	---	-----------	---	-----------	---	------------	---

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 T.A. PLUMB
----------------	--------------------------

TYPE II PERMIT NUMBER/EXPIRATION DATE 220221, 09/04/2014	TELEPHONE NUMBER (314) 427-8700
---	------------------------------------

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.

690 NORTH 67th STREET • HARRISBURG, PA 17111-4511 • TELEPHONE: 717-584-5470

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: 107973
Version no: 532B

TEST RECORD 00140

Temp Date Time s/
210L

Air Blank:
08/07/14 23:19 .000
Calibration Check:
26 08/07/14 23:19 .099

Subject Name

Subject I.D.

Operator Name, I.D.

Plumb 194
Location
8944 m0180

AS IV Serial no: 107973
Version no: 532B

TEST RECORD 00139

Temp Date Time s/
210L

Air Blank:
08/07/14 23:16 .000
Calibration Check:
25 08/07/14 23:16 .098

Subject Name

Subject I.D.

Operator Name, I.D.

Plumb 194
Location
8944 m0180

AS IV Serial no: 107973
Version no: 532B

TEST RECORD 00138

Temp Date Time s/
210L

Air Blank:
08/07/14 23:04 .000
Calibration Check:
24 08/07/14 23:04 .099

Subject Name

Subject I.D.

Operator Name, I.D.

Plumb 194
Location
8944 m0180

Subject Name

Operator Name, I.D.

Plumb 194
Location
8944 m0180

Temp Date Time s/
210L

VOID: REI
12 08/07/14 23:21

AS IV Serial no: 107973
Version no: 532B

TEST RECORD 00141

State of Missouri
DEPARTMENT OF HEALTH

STATE OF MISSOURI



PERMIT
TYPE II



TODD A PLUMB

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

ALCO-SENSOR IV W/PRINTER

for the determination of the alcoholic content of blood from a sample of expired (alveolar) air. Issued under the provisions of sections 577.020 through 577.041, BSMo:1986.

Date 09/04/2012

Number 220221

Expires 09/04/2014

MO 580-0771 (7-88)

Director of State Public Health Laboratory

Director, Department of Health

Lab. 4 (R7-88)