



STATE PUBLIC HEALTH LABORATORY
ALCO-SENSOR IV WITH PRINTER MAINTENANCE REPORT

REPORT #7

RECEIVED
By Carol Day at 10:05 am, Aug 28, 2014

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

ALCO SENSOR IV SN 108392	PRINTER SN 099.3586.814	DATE OF INSPECTION 08/18/2014
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LOCATION OF INSTRUMENT (STREET AND CITY) 5490 5th Street, Cottleville, Missouri 63304	TIME OF INSPECTION 7:48 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 Laboratories, INC LOT # 13280 EXP. DATE 10/16/2015

SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34C SIMULATOR SN SD2588 SIMULATOR EXP DATE 01/29/2015

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 .095

TEST 2 .095

TEST 3 .095

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)	0	(.05-.09)	0	(.10-.14)	1	(.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).

Nothing further.

INSPECTING OFFICER

SIGNATURE
Jamie E. Snodgrass

PRINT NAME
Jamie E. Snodgrass, 440

TYPE II PERMIT NUMBER/EXPIRATION DATE
23005/103-21-2015

TELEPHONE NUMBER
(636) 498-6464

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 87th STREET • HARRISBURG, PA 17111-4511 • TELEPHONE: 717-664-6470

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°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: 108392
Version no: 532B

TEST RECORD 00062

Temp Date Time ^{9/} 210L

Air Blank:
08/18/14 07:51 .000
Calibration Check:
28 08/18/14 07:51 .095

Subject Name

Test 3

Subject I.D.

Operator Name, I.D.

Snodgrass, 440

Location

Cottleville P.D.

AS IV Serial no: 108392
Version no: 532B

TEST RECORD 00061

Temp Date Time ^{9/} 210L

Air Blank:
08/18/14 07:49 .000
Calibration Check:
28 08/18/14 07:49 .095

Subject Name

Test 2

Subject I.D.

Operator Name, I.D.

Snodgrass, 440

Location

Cottleville P.D.

AS IV Serial no: 108392
Version no: 532B

TEST RECORD 00060

Temp Date Time ^{9/} 210L

Air Blank:
08/18/14 07:48 .000
Calibration Check:
27 08/18/14 07:48 .095

Subject Name

Test 1

Subject I.D.

Operator Name, I.D.

Snodgrass, 440

Location

Cottleville P.D.

AS IV Serial no: 108392
Version no: 532B

TEST RECORD 00063

Temp Date Time ^{9/} 210L

WITH: RPI
12 08/19/14 07:52

Subject Name

RPI Test

Subject I.D.

Operator Name, I.D.

Snodgrass, 440

Location

Cottleville P.D.



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



**PERMIT
TYPE II**

JAMIE E SNODGRASS

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 W/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 03/21/2013

NUMBER 230051

EXPIRES 03/21/2015

[Signature]

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

[Signature]
Acting Director

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

LAB-4 (8-10)

MSO 500-0771 (8-10)