



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

RECEIVED
 By Carol Day at 1:27 pm, Nov 17, 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 107985	PRINTER SN 099.3586.820	DATE OF INSPECTION 11/11/2014
LOCATION OF INSTRUMENT (STREET AND CITY) 415 Third Street Platte City, Missouri 64079		TIME OF INSPECTION 10:10 am

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) 23°C
- PRINTER WORKING PROPERLY
- TIME AND DATE DISPLAYING PROPERLY

BREATH ALCOHOL ACCURACY STANDARDS

- SIMULATOR SOLUTION COMPRESSED ETHANOL-GAS MIXTURE
- STANDARD SUPPLIER Guth Laboratories LOT # 13210 EXP. DATE 07/29/2015
- SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34.0c SIMULATOR SN SD2780 SIMULATOR EXP DATE 07/15/2015

- 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 .102	TEST 2 .103	TEST 3 .101
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- 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 Walter Nichols
TYPE II PERMIT NUMBER/EXPIRATION DATE 230230 10/17/2015	TELEPHONE NUMBER (816) 858-2424

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.

800 NORTH 67th STREET • HARRISBURG, PA 17111-4611 • 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 $34^{\circ}\text{C} \pm 0.2^{\circ}\text{C}$, 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.

AS IV Serial no: 107985
Version no: 532B

TEST RECORD 00066
Temp Date Time 210L s/

VOID: RFI
12 11/11/14 10:32

Subject Name
Doe John A
Subject I.D.

123456789 MO

Operator Name, I.D. 174

Walter Nichols A394

Location
415 Third Street

Platte City, MO 64079

Permit # exp date

230230 10/17/15

AS IV Serial no: 107985
Version no: 532B

TEST RECORD 00065
Temp Date Time 210L s/

Air Blank:
11/11/14 10:31 .000
Calibration Check:
25 11/11/14 10:31 .101

Subject Name
Doe John A
Subject I.D.

123456789 MO

Operator Name, I.D. 174

Walter Nichols A394

Location
415 Third Street

Platte City, MO 64079

Permit # exp date

230230 10/17/15

AS IV Serial no: 107985
Version no: 532B

TEST RECORD 00064
Temp Date Time 210L s/

Air Blank:
11/11/14 10:28 .000
Calibration Check:
23 11/11/14 10:28 .103

Subject Name
Doe John A
Subject I.D.

123456789 MO

Operator Name, I.D. 174

Walter Nichols A394

Location
415 Third Street

Platte City, MO 64079

Permit # exp date

230230 10/17/15

AS IV Serial no: 107985
Version no: 532B

TEST RECORD 00063
Temp Date Time 210L s/

Air Blank:
11/11/14 10:27 .000
Calibration Check:
23 11/11/14 10:27 .102

Subject Name
Doe John A
Subject I.D.

123456789 MO

Operator Name, I.D. 174

Walter Nichols A394

Location
415 Third Street

Platte City, MO 64079

Permit # exp date

230230 10/17/15



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

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PERMIT
TYPE II
WALTER NICHOLS

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

DATAMASTER, INTOX DMT, 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 10/17/2013

NUMBER 230230

EXPIRES 10/17/2015

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

,acting director

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES