



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

RECEIVED REPORT #7
By Carol Day at 4:08 pm, Apr 23, 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 <u>099363</u>	PRINTER SN <u>097 358 4338</u>	DATE OF INSPECTION <u>4/11/14</u>
LOCATION OF INSTRUMENT (STREET AND CITY) <u>11724 NW Plaza Circle Kansas City, MO 64153</u>		TIME OF INSPECTION <u>2030</u>

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) 27°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 7/29/15

SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34°C SIMULATOR SN 502780 SIMULATOR EXP DATE 6/28/14

- 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 .098 TEST 2 .099 TEST 3 .100

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) 1 | (OVER .19) 0

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 <u>Walter Nichols</u>	PRINT NAME <u>Walter Nichols</u>
TYPE II PERMIT NUMBER/EXPIRATION DATE <u>230230 10/17/15</u>	TELEPHONE NUMBER <u>(816) 858-2424</u>

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

AS IV Serial no: 099363
Version no: 532B

TEST RECORD 00096

Temp Date Time 210L ^{s/}

Air Blank:
04/11/14 20:36 .000
Calibration Check:
27 04/11/14 20:36 .098

Subject Name
Doe, John A

Subject I.D.
123456789

Operator Name, I.D.
Walter Nichols #136

Location
11724 NW Plaza Circle
Kansas City, MO 64153

Permit# exp.date
230230 10/17/15

AS IV Serial no: 099363
Version no: 532B

TEST RECORD 00095

Temp Date Time 210L ^{s/}

VOID: RFI
12 04/11/14 20:34

Subject Name
Doe, John A

Subject I.D.
123456789

Operator Name, I.D.
Walter Nichols #136

Location
11724 NW Plaza Circle
Kansas City, MO 64153

Permit# exp.date
230230 10/17/15

AS IV Serial no: 099363
Version no: 532B

TEST RECORD 00098

Temp Date Time 210L ^{s/}

Air Blank:
04/11/14 20:40 .000
Calibration Check:
27 04/11/14 20:40 .100

Subject Name
Doe, John A

Subject I.D.
123456789

Operator Name, I.D.
Walter Nichols #136

Location
11724 NW Plaza Circle
Kansas City, MO 64153

Permit# exp.date
230230 10/17/15

AS IV Serial no: 099363
Version no: 532B

TEST RECORD 00097

Temp Date Time 210L ^{s/}

Air Blank:
04/11/14 20:38 .000
Calibration Check:
27 04/11/14 20:38 .099

Subject Name

Doe, John A

Subject I.D.

123456789

Operator Name, I.D.

Walter Nichols #136

Location
11724 NW Plaza Circle
Kansas City, MO 64153

Permit# exp.date
230230 10/17/15



GUTH LABORATORIES, INC.

580 NORTH 67th STREET • HARRISBURG, PA 17111-4511 • TELEPHONE: 717-654-5470

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 FNI22211-02 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

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

[Signature]

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

[Signature]

acting director

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

LAB-4 (P6-10)