



MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES
STATE PUBLIC HEALTH LABORATORY

ALCO-SENSOR IV WITH PRINTER MAINTENANCE REPORT

RECEIVED
By Carol Day at 9:58 am, Mar 06, 2014 DRT #7

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>097433</u>	PRINTER SN <u>096.3580.943</u>	DATE OF INSPECTION <u>3/2/14</u>
LOCATION OF INSTRUMENT (STREET AND CITY) <u>2101 Jeffco Blvd Arnold</u>		TIME OF INSPECTION <u>0650</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) 25°/25°/26°
- PRINTER WORKING PROPERLY
- TIME AND DATE DISPLAYING PROPERLY

BREATH ALCOHOL ACCURACY STANDARDS

- SIMULATOR SOLUTION COMPRESSED ETHANOL-GAS MIXTURE
- STANDARD SUPPLIER Guth Labs LOT # 13280 EXP. DATE 10/16/15
- SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34.0° SIMULATOR SN 561909 SIMULATOR EXP DATE 2/16/15

- 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 = <u>.100</u>	TEST 2 = <u>.100</u>	TEST 3 = <u>.101</u>
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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 <u>0</u>	(0-.04) <u>1</u>	(.05-.09) <u>0</u>	(.10-.14) <u>1</u>	(.15-.19) <u>0</u>	(OVER .19) <u>0</u>
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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).

Calibration

INSPECTING OFFICER	
SIGNATURE <u>[Signature]</u>	PRINT NAME <u>PO J O Burr</u>
TYPE II PERMIT NUMBER/EXPIRATION DATE <u>230305 12/11/15</u>	TELEPHONE NUMBER <u>(636) 296-2222</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



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

2

PERMIT
TYPE II
JASON W O'BARR

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, DATAMASTER

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 12/11/2013

NUMBER 230305

EXPIRES 12/11/2015

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

acting director

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

MO 580-0771 (6-10)

LAB-4 (R6-10)

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 O'BARR, JASON
Permit No 230305
Date Issued 12/11/2013 Date Expires 12/11/2015



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 **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 $34^{\circ}\text{C} \pm .2^{\circ}\text{C}$, 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.

HS 1U Serial not 897408
Version not 884C

TEST RECORD 88082

Form Date Time 2151

Air Blank
03/02/14 06:58 .000
Calibration Check
25 03/02/14 06:18 .100

Subject Name

TEST

Subject I.D.

TEST

Operator Name: J.D.

PO Jan 128

Location

2101 Jaffco

HS 1U Serial not 897408
Version not 884C

TEST RECORD 88081

Form Date Time 2100

Air Blank
03/02/14 06:48 .000
Calibration Check
25 03/02/14 06:18 .100

Subject Name

TEST

Subject I.D.

TEST

Operator Name: J.D.

PO J Jan 128

Location

2101 Jaffco

HS 1U Serial not 897408
Version not 884C

TEST RECORD 88086

Form Date Time 2100

Air Blank
03/02/14 06:48 .000
Calibration Check
25 03/02/14 06:48 .100

Subject Name

Cal

Subject I.D.

Cal

Operator Name: J.D.

OB

Location

2101 Jaffco

HS 1U Serial not 897408
Version not 884C

TEST RECORD 88084

Form Date Time 2151

Air Blank
03/02/14 06:12

Subject Name

TEST

Subject I.D.

TEST

Operator Name: J.D.

PO Jan 128

Location

2101 Jaffco

HS 1U Serial not 897408
Version not 884C

TEST RECORD 88083

Form Date Time 2151

Air Blank
03/02/14 06:12 .100
Calibration Check
25 03/02/14 06:12 .100

Subject Name

TEST

Subject I.D.

TEST

Operator Name: J.D.

PO Jan 128

Location

2101 Jaffco