



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 3:52 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 097428 | PRINTER SN 03A.2436.040 | DATE OF INSPECTION 04/08/2014 |
| LOCATION OF INSTRUMENT (STREET AND CITY) 011 Washington, Buckner | | TIME OF INSPECTION 3:43 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 # 13210 EXP. DATE 07/29/2015

SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34 SIMULATOR SN SD2757 SIMULATOR EXP DATE 08/06/2014

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 .101

TEST 2 .101

TEST 3 .101

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 |
|----------|---|---------|---|-----------|---|-----------|---|-----------|---|------------|---|

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
Virginia DeBoard

TYPE II PERMIT NUMBER/EXPIRATION DATE
230032 2/19/2015

TELEPHONE NUMBER
(816) 881-4617

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

NO 10 Serial not 897428
Minitab not 8978

TEST RECORD 00025

Date: 08/14 15:43 Time: 2101

Operator Name: Virginia DeBour
Calibration Check: 08/14 15:43 .000
08/14 15:43 .101

Subject Name

Subject I.D.
Virginia DeBour
Operator Name: I.D.
11 Washington
Buckner MO

NO 10 Serial not 897428
Minitab not 8978

TEST RECORD 00026

Date: 08/14 15:47 Time: 2101

Operator Name: Virginia DeBour
Calibration Check: 08/14 15:47 .000
08/14 15:47 .101

Subject Name

Subject I.D.
Virginia DeBour
Operator Name: I.D.
11 Washington
Buckner MO

NO 10 Serial not 897428
Minitab not 8978

TEST RECORD 00027

Date: 08/14 15:44 Time: 2101

Operator Name: Virginia DeBour
Calibration Check: 08/14 15:44 .000
08/14 15:44 .101

Subject Name

Subject I.D.
Virginia DeBour
Operator Name: I.D.
11 Washington
Buckner MO

NO 10 Serial not 897428
Minitab not 8978

TEST RECORD 00028

Date: 08/14 15:47 Time: 2101

Operator Name: Virginia DeBour
Calibration Check: 08/14 15:47 .000
08/14 15:47 .101

Subject Name

Subject I.D.
Virginia DeBour
Operator Name: I.D.
11 Washington
Buckner MO



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 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.

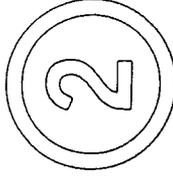
NIST Traceability:

Testing was conducted using Cerilliant Reference Standard lot number 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.



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



PERMIT
TYPE II

VIRGINIA DEBOARD

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, INTOXILYZER 5000

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 02/19/2013
NUMBER 230032
EXPIRES 02/19/2015

W. S. ...

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

Darl Veckley
Acting Director

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES