



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

RECEIVED
 By Carol Day at 9:41 am, Jul 22, 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 099362 | PRINTER SN 097.3584.337 | DATE OF INSPECTION 07/17/2014 |
| LOCATION OF INSTRUMENT (STREET AND CITY) 709 W Main St Greenwood | | TIME OF INSPECTION 3:00 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)
- PRINTER WORKING PROPERLY
- TIME AND DATE DISPLAYING PROPERLY

BREATH ALCOHOL ACCURACY STANDARDS

- SIMULATOR SOLUTION COMPRESSED ETHANOL-GAS MIXTURE

STANDARD SUPPLIER Guth LOT # 14110 EXP. DATE 05/01/2016

SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34.0 SIMULATOR SN SD2285 SIMULATOR EXP DATE 12/12/2014

- 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 → .099 | TEST 2 → .100 | TEST 3 → .099 |
|---------------|---------------|---------------|

- 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-.04) 2 | (.05-.09) 1 | (.10-.14) 2 | (.15-.19) 1 | (OVER .19) |
|----------|-----------|-------------|-------------|-------------|------------|

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 CHRISTOPHER HEIN |
| TYPE II PERMIT NUMBER/EXPIRATION DATE 230341 12/31/2015 | TELEPHONE NUMBER (816) 537-5020 |

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 67th STREET • HARRISBURG, PA 17111-4511 • TELEPHONE: 717-564-5470

CERTIFICATE OF ANALYSIS

Certified Alcohol Reference Solution for Simulator

Random Samples of Lot Number 14110 of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on May 5, 2014, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain 0.1206% (w/vol) ethyl alcohol. The expiration date for this lot number is May 1, 2016 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: 099362
Version no: 582B

TEST RECORD - REPRINT

TEST RECORD 00182

Temp Date Time 210L ^{s/}

Air Blank: 07/17/14 08:00 .000
Calibration Check: 21 07/17/14 08:00 .099

Subject Name

Test #2

Subject I.D.

C. Hein 146

Operator Name, I.D.

GLW20

Location

AS IV Serial no: 099362
Version no: 582B

TEST RECORD - REPRINT

TEST RECORD 00182

Temp Date Time 210L ^{s/}

Air Blank: 07/17/14 08:06 .000
Calibration Check: 23 07/17/14 08:06 .100

Subject Name

Test #2

Subject I.D.

C. Hein 146

Operator Name, I.D.

GLW20

Location

AS IV Serial no: 099362
Version no: 582B

TEST RECORD - REPRINT

TEST RECORD 00184

Temp Date Time 210L ^{s/}

Air Blank: 07/17/14 08:11 .000
Calibration Check: 23 07/17/14 08:11 .099

Subject Name

Test #5

Subject I.D.

C. Hein 146

Operator Name, I.D.

GLW20

Location

AS IV Serial no: 099362
Version no: 582B

TEST RECORD - REPRINT

TEST RECORD 00185

Temp Date Time 210L ^{s/}

VOID: RT1
12 07/17/14 08:15

Subject Name

REF Test

Subject I.D.

C. Hein 146

Operator Name, I.D.

GLW20

Location



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

2

PERMIT
TYPE II
CHRISTOPHER HEIN

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

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 12/31/2013

NUMBER 230341

EXPIRES 12/31/2015

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

acting director
 DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

*** 580-0771 (6-10)

LAB-4 (RG-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 HEIN, CHRISTOPHER
 Permit No 230341
 Date issued 12/31/2013 Date Expires 12/31/2015