



ALCO-SENSOR IV WITH PRINTER MAINTENANCE REPORT

RECEIVED REPORT #7 By Carol Day at 11:22 am, Nov 25, 2014

Complete this report in duplicate at the time of the regular monthly preventative maintenance check, at the time the instrument is repaired. Send copy to Department of Health and Senior Services; retain original in department file.

ALCO SENSOR IV SN 108265 PRINTER SN 099.3586.806 DATE OF INSPECTION 11/25/2014 LOCATION OF INSTRUMENT (STREET AND CITY) Elsberry Police Department TIME OF INSPECTION 2:35 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.

[X] DIGITAL READOUT (ALL ELEMENTS OPERATIONAL)

[X] TEMPERATURE OF ALCO SENSOR (10°C - 40°C)

[X] PRINTER WORKING PROPERLY

[X] TIME AND DATE DISPLAYING PROPERLY

BREATH ALCOHOL ACCURACY STANDARDS

[X] SIMULATOR SOLUTION [ ] COMPRESSED ETHANOL-GAS MIXTURE

[X] STANDARD SUPPLIER Gulh Lab LOT # 14110 EXP. DATE 05/01/2016

[X] SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34 SIMULATOR SN SD2287 SIMULATOR EXP DATE 11/10/2015

[X] 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)

- [X] 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 .102

TEST 3 .102

[X] RFI DETECTOR OPERATING

INDICATE THE NUMBER OF BREATH TESTS IN THE FOLLOWING RANGES SINCE THE LAST MAINTENANCE REPORT: (DO NOT INCLUDE SELF-ADMINISTERED TESTS)

Table with 7 columns: 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).

None To Report.

INSPECTING OFFICER

SIGNATURE [ ] PRINT NAME Cpl. David Wait

TYPE II PERMIT NUMBER/EXPIRATION DATE 240416 TELEPHONE NUMBER (573) 898-5456

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 87th STREET • HARRISBURG, PA 17111-4511 • TELEPHONE: 717-584-5470

## 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 FN122311-02 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: 108265  
Version no: 532B

TEST RECORD 00039

Temp Date Time <sup>a/</sup> 210L

Air Blank:  
11/25/14 02:34 .000  
Calibration Check:  
16 11/25/14 02:34 .102

Subject Name

Subject I.D.

TEST 1

Operator Name, I.D.

DAVID WAIT

Location

Elsberry PD

AS IV Serial no: 108265  
Version no: 532B

TEST RECORD 00037

Temp Date Time <sup>a/</sup> 210L

Air Blank:  
11/25/14 02:32 .000  
Calibration Check:  
15 11/25/14 02:32 .102

Subject Name

Subject I.D.

Test 2

Operator Name, I.D.

DAVID WAIT

Location

Elsberry PD

AS IV Serial no: 108265  
Version no: 532I

TEST RECORD 00040

Temp Date Time <sup>a/</sup> 210L

Air Blank:  
11/25/14 02:35 .000  
Calibration Check:  
17 11/25/14 02:35 .102

Subject Name

Subject I.D.

Test 3

Operator Name, I.D.

DAVID WAIT

Location

Elsberry PD

AS IV Serial no: 108265  
Version no: 532B

TEST RECORD 00042

Temp Date Time <sup>a/</sup> 210L

VOID: RFI  
12 11/25/14 02:37

Subject Name

Subject I.D.

Test

Operator Name, I.D.

DAVID WAIT

Location

Elsberry PD