



MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES  
STATE PUBLIC HEALTH LABORATORY

**ALCO-SENSOR IV WITH PRINTER MAINTENANCE REPORT**

**RECEIVED**  
By Carol Day at 9:07 am, Jul 29, 2016

REPORT #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 099360	PRINTER SN 0972584335	DATE OF INSPECTION 07/29/2016
LOCATION OF INSTRUMENT (STREET AND CITY) 540 Civic Blvd. Republic MO.		TIME OF INSPECTION 2:34 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 # 16040 EXP. DATE 01/20/2018

SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34.0 SIMULATOR SN sd3326 SIMULATOR EXP DATE 01/06/2017

- 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 .102      TEST 2 .101      TEST 3 .104

- 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
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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).

<b>INSPECTING OFFICER</b>	
SIGNATURE 	PRINT NAME Frank Schreiber
TYPE II PERMIT NUMBER/EXPIRATION DATE 250095      05/11/2017	TELEPHONE NUMBER (417) 732-3953

**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.

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 **16040** of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on **January 22, 2016**, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain **0.1213%** (w/vol) ethyl alcohol. The expiration date for this lot number is **January 20, 2018** 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 FN08051301 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

2

PERMIT  
TYPE II

FRANK B SCHREIBER

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, INTOX EC/IR II**

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 5/11/2015

NUMBER 250095

EXPIRES 5/11/2017

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

MO 583-0771 (6-10)

LAB 4 (8-10)



**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 SCHREIBER, FRANK  
Permit No 250095  
Date Issued 5/11/2015 Date Expires 5/11/2017

AS IV Serial no: 099360  
Version no: 532B

TEST RECORD 00456  
Temp Date Time 210L s/

Air Blank:  
07/29/16 02:37 .000  
Calibration Check:  
23 07/29/16 02:37 .104

Subject Name

Subject I.D.

Frank Schreiber  
Operator Name, I.D.

250095 05/11/2017  
Location

AS IV Serial no: 099360  
Version no: 532B

TEST RECORD 00455  
Temp Date Time 210L s/

Air Blank:  
07/29/16 02:36 .000  
Calibration Check:  
23 07/29/16 02:36 .101

Subject Name

Subject I.D.

Frank Schreiber  
Operator Name, I.D.

250095 05/11/2017  
Location

AS IV Serial no: 099360  
Version no: 532B

TEST RECORD 00454  
Temp Date Time 210L s/

Air Blank:  
07/29/16 02:34 .000  
Calibration Check:  
22 07/29/16 02:34 .102

Subject Name

Subject I.D.

Frank Schreiber  
Operator Name, I.D.

250095 05/11/2017  
Location

AS IV Serial no: 099360  
Version no: 532B

TEST RECORD 00457

Temp Date Time 210L s/

VOID: RFI  
12 07/29/16 02:39

Subject Name

Subject I.D.

Frank Schreiber  
Operator Name, I.D.

250095 05/11/2017  
Location