



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

**RECEIVED**  
By Carol Day at 8:03 am, Jan 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 107985	PRINTER SN 099.3586.820	DATE OF INSPECTION 01/28/2016
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LOCATION OF INSTRUMENT (STREET AND CITY) Platte County Sheriff's Office 415 E. Third Street Platte City, MO 64079	TIME OF INSPECTION 8:25 pm
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**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 # 15120 EXP. DATE 04/29/2017

SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34.0c SIMULATOR SN SD2780 SIMULATOR EXP DATE 07/13/2016

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 0.104

TEST 2 0.103

TEST 3 0.102

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)	1	(.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).

**INSPECTING OFFICER**

SIGNATURE 	PRINT NAME Deputy Meghan Blackmore
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TYPE II PERMIT NUMBER/EXPIRATION DATE Permit # 240404 Expiration: 11/20/2016	TELEPHONE NUMBER (816) 858-2424
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**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

AS IV Serial no: 107985  
Version no: 532B

TEST RECORD 00257

Temp Date Time 210L

Air Blank:  
01/28/16 20:25 .000  
Calibration Check:  
10 01/28/16 20:25 .104

Subject Name

Test 1

Subject I.D.

Operator Name, I.D.

Deputy M Blackmon

Location 135/A420

PCSO 415 E Third St

Platte City, MO 64079

Permit #240404

expiration: 11/20/2016

AS IV Serial no: 107985  
Version no: 532B

TEST RECORD 00258

Temp Date Time 210L

Air Blank:  
01/28/16 20:28 .000  
Calibration Check:  
12 01/28/16 20:28 .103

Subject Name

Test 2

Subject I.D.

Operator Name, I.D.

Deputy M Blackmon

Location 135/A420

PCSO 415 E Third St

Platte City, MO 64079

Permit #240404

expiration: 11/20/2016

AS IV Serial no: 107985  
Version no: 532B

TEST RECORD 00259

Temp Date Time 210L

Air Blank:  
01/28/16 20:31 .000  
Calibration Check:  
15 01/28/16 20:31 .102

Subject Name

Test 3

Subject I.D.

Operator Name, I.D.

Deputy M Blackmon

Location 135/A420

PCSO 415 E Third St

Platte City, MO 64079

Permit #240404

expiration: 11/20/2016

AS IV Serial no: 107985  
Version no: 532B

TEST RECORD 00260

Temp Date Time 210L

VOID: RFI  
12 01/28/16 20:32

Subject Name

RFI Test

Subject I.D.

Operator Name, I.D.

Deputy M Blackmon

Location 135/A420

PCSO 415 E Third St

Platte City, MO 64079

Permit #240404

expiration: 11/20/2016



## 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 **15120** of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on **May 4, 2015**, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain **0.1209%** (w/vol) ethyl alcohol. The expiration date for this lot number is **April 29, 2017** 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**

**MEGHAN M BLACKMORE**

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 DMT**

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 11/20/2014

NUMBER 240404

EXPIRES 11/20/2016

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 BLACKMORE, MEGHAN  
Permit No 240404  
Date Issued 11/20/2014 Date Expires 11/20/2016