



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

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 105448	PRINTER SN 09B.3591.016	DATE OF INSPECTION 03/21/2016
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LOCATION OF INSTRUMENT (STREET AND CITY) 101 East Ohio Street, Clinton	TIME OF INSPECTION 10:08 am
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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 LOT # 15120 EXP. DATE 04/29/2017
- SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34.0 SIMULATOR SN SD3509 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  0.096	TEST 2  0.098	TEST 3  0.098
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- 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)	(.05-.09)	(.10-.14)	(.15-.19)	(OVER .19)
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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 Christopher Wright
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TYPE II PERMIT NUMBER/EXPIRATION DATE 205102 05/11/2017	TELEPHONE NUMBER (660) 885-2679
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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: 105448  
Version no: 532B

TEST RECORD 00591

Temp Date Time 210L

VOID: RFI  
12 03/21/16 10:09

Subject Name  
*RFI Test*

Subject I.D.

Operator Name, I.D.  
*Wright 205102*

Location

AS IV Serial no: 105448  
Version no: 532B

TEST RECORD 00597

Temp Date Time 210L

Air Blank:  
03/21/16 10:58 .000  
Calibration Check:  
23 03/21/16 10:58 .096

Subject Name

*Test 1*

Subject I.D.

Operator Name, I.D.

*Wright 205102*

Location

AS IV Serial no: 105448  
Version no: 532B

TEST RECORD 00598

Temp Date Time 210L

Air Blank:  
03/21/16 11:00 .000  
Calibration Check:  
23 03/21/16 11:00 .098

Subject Name

*Test 2*

Subject I.D.

Operator Name, I.D.

*Wright 205102*

Location

AS IV Serial no: 105448  
Version no: 532B

TEST RECORD 00599

Temp Date Time 210L

Air Blank:  
03/21/16 11:01 .000  
Calibration Check:  
24 03/21/16 11:01 .098

Subject Name

*Test 3*

Subject I.D.

Operator Name, I.D.

*Wright 205102*

Location

**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 **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°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 Certified 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



**PERMIT  
TYPE II**

**CHRISTOPHER J WRIGHT**

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 **5/11/2015**

NUMBER **250102**

EXPIRES **5/11/2017**

  
DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

  
DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

MO 540 0-1 (0-13)

LAE-4 (05-10)



**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 **WRIGHT, CHRISTOPHER**  
Permit No **250102**  
Date Issued **5/11/2015** Date Expires **5/11/2017**