



MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES  
 STATE PUBLIC HEALTH LABORATORY  
**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 111760	PRINTER SN 09B.3589.441	DATE OF INSPECTION 07/27/2016
LOCATION OF INSTRUMENT (STREET AND CITY) 278 SW 871 Rd Johnson County Sheriff's Office		TIME OF INSPECTION 6:08 PM

**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 07/20/2018
- SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34.0 SIMULATOR SN SD2264 SIMULATOR EXP DATE 01/21/2017

- 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 → 0.103	TEST 2 → 0.103	TEST 3 → 0.102
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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	(0-.04)	0	(.05-.09)	1	(.10-.14)	1	(.15-.19)	1	(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 ROBERT WATKINS
TYPE II PERMIT NUMBER/EXPIRATION DATE #260208 5/3/2018	TELEPHONE NUMBER 660-747-6469

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: 111760  
Version no: 532B

TEST RECORD 00089

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

Air Blank:  
07/27/16 18:08 .000  
Calibration Check:  
34 07/27/16 18:08 .103

Subject Name

TEST #1

Subject I.D.

WATKINS #260208

Operator Name, I.D.

JCSO

Location

MAINTENANCE REPORT

AS IV Serial no: 111760  
Version no: 532B

TEST RECORD 00091

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

Air Blank:  
07/27/16 18:12 .000  
Calibration Check:  
34 07/27/16 18:12 .103

Subject Name

TEST #2

Subject I.D.

WATKINS #260208

Operator Name, I.D.

JCSO

Location

MAINTENANCE REPORT

AS IV Serial no: 111760  
Version no: 532B

TEST RECORD 00092

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

Air Blank:  
07/27/16 18:13 .000  
Calibration Check:  
34 07/27/16 18:13 .102

Subject Name

TEST #3

Subject I.D.

WATKINS #260208

Operator Name, I.D.

JCSO

Location

MAINTENANCE REPORT

AS IV Serial no: 111760  
Version no: 532B

TEST RECORD 00093

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

VOID: RFI  
12 07/27/16 18:15

Subject Name

RFI!

Subject I.D.

WATKINS #260208

Operator Name, I.D.

JCSO

Location

MAINTENANCE REPORT

AS IV Serial no: 111760  
Version no: 532B

TEST RECORD 00094

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

Air Blank:  
07/27/16 18:16 .000  
Subject Test: Auto  
33 07/27/16 18:16 .000

Subject Name

SELF TEST

Subject I.D.

WATKINS #260208

Operator Name, I.D.

JCSO

Location

MAINTENANCE REPORT



## 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°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 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

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**PERMIT  
TYPE II**

**ROBERT G WATKINS**

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 5/3/2016

NUMBER 260208

EXPIRES 5/3/2018

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

LAB-4 (R6-10)

MO 580-0771 (6-10)



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 WATKINS, ROBERT  
Permit No 260208  
Date Issued 5/3/2016 Date Expires 5/3/2018