



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 111650	PRINTER SN 09B.3589.509	DATE OF INSPECTION 05/12/2016
LOCATION OF INSTRUMENT (STREET AND CITY) 4608 Oakridge Blvd. Northwoods		TIME OF INSPECTION 3:50 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 Laboratories LOT # 14200 EXP. DATE 08/05/2016

SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34 C SIMULATOR SN MP3573 SIMULATOR EXP DATE 05/05/2017

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 .100

TEST 2 .098

TEST 3 .098

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).

Operating within DHSS guidelines.

INSPECTING OFFICER

SIGNATURE 	PRINT NAME Thiemann, Shawn
TYPE II PERMIT NUMBER/EXPIRATION DATE 240401 11/13/2016	TELEPHONE NUMBER (314) 385-6000

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: 111650
Version no: 532B

TEST RECORD 00018

Temp Date Time ^{s/} 210L

VOID: RFI
12 05/12/16 15:57

Subject Name

RFI - TEST

Subject I.D.

Operator Name, I.D.

THIEMANN 240401

Location

4608 OAKRIDGE BLVD.

NORTHWOODS, MO

AS IV Serial no: 111650
Version no: 532B

TEST RECORD 00017

Temp Date Time ^{s/} 210L

Air Blank:
05/12/16 15:55 .000
Calibration Check:
25 05/12/16 15:55 .098

Subject Name

TEST 3

Subject I.D.

Operator Name, I.D.

THIEMANN 240401

Location

4608 OAKRIDGE BLVD.

NORTHWOODS, MO

AS IV Serial no: 111650
Version no: 532B

TEST RECORD 00016

Temp Date Time ^{s/} 210L

Air Blank:
05/12/16 15:54 .000
Calibration Check:
24 05/12/16 15:54 .098

Subject Name

TEST 2

Subject I.D.

Operator Name, I.D.

THIEMANN 240401

Location

4608 OAKRIDGE BLVD.

NORTHWOODS, MO

AS IV Serial no: 111650
Version no: 532B

TEST RECORD 00015

Temp Date Time ^{s/} 210L

Air Blank:
05/12/16 15:52 .000
Calibration Check:
23 05/12/16 15:52 .100

Subject Name

TEST 1

Subject I.D.

Operator Name, I.D.

THIEMANN 240401

Location

4608 OAKRIDGE BLVD.

NORTHWOODS, MO



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 **14200** of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on **August 6, 2014**, 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 **August 5, 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.



STATE OF MISSOURI
DEPARTMENT OF HEALTH AND SENIOR SERVICES
BREATH ALCOHOL PROGRAM

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**PERMIT
TYPE II**

SHAWN J THIEMANN

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 11/13/2014

NUMBER 240401

EXPIRES 11/13/2016

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 **THIEMANN, SHAWN**
Permit No **240401**
Date Issued **11/13/2014** Date Expires **11/13/2016**