



MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES
STATE PUBLIC HEALTH LABORATORY
ALCO-SENSOR IV WITH PRINTER MAINTENANCE REPORT

RECEIVED

By Carol Day at 3:47 pm, Jun 27, 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 <i>102466</i>	PRINTER SN <i>079.3418.057</i>	DATE OF INSPECTION <i>21 June 2016</i>
LOCATION OF INSTRUMENT (STREET AND CITY) <i>106 Progress Drive Sullivan MO 63080</i>		TIME OF INSPECTION <i>12:00</i>

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) *20°C*
- PRINTER WORKING PROPERLY
- TIME AND DATE DISPLAYING PROPERLY

BREATH ALCOHOL ACCURACY STANDARDS

- SIMULATOR SOLUTION COMPRESSED ETHANOL-GAS MIXTURE
- STANDARD SUPPLIER *Guth Labs* LOT # *16040* EXP. DATE *01/20/18*
- SIMULATOR TEMPERATURE (34°C ± 0.2°C) *34°C* SIMULATOR SN *S02752* SIMULATOR EXP DATE *04/27/17*

- 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 <i>.096%</i>	TEST 2 <i>.097%</i>	TEST 3 <i>.097%</i>
---------------------	---------------------	---------------------

- 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 <i>0</i>	(0-.04) <i>0</i>	(.05-.09) <i>1</i>	(.10-.14) <i>2</i>	(.15-.19) <i>2</i>	(OVER .19) <i>1</i>
-------------------	------------------	--------------------	--------------------	--------------------	---------------------

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).

Instrument has been out for repairs at factory, repaired and placed back in service. (see attached)
Instrument is operating within D.O.H. specifications

INSPECTING OFFICER

SIGNATURE <i>Gregory A. West</i>	PRINT NAME <i>Gregory A. West</i>
TYPE II PERMIT NUMBER/EXPIRATION DATE <i>250140 06/15/17</i>	TELEPHONE NUMBER <i>573-468-8001</i>

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°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.

AS IV Serial no: 102466
Version no: 532B

TEST RECORD 00324

Temp Date Time ^{a/} 210L

VOID: RFI
12 06/21/16 12:08

Subject Name

Subject I.D.

Operator Name, I.D.

Location

AS IV Serial no: 102466
Version no: 532B

TEST RECORD 00323

Temp Date Time ^{a/} 210L

Air Blank:
06/21/16 12:07 .000
Calibration Check:
21 06/21/16 12:07 .097

Subject Name

Subject I.D.

Operator Name, I.D.

Location

AS IV Serial no: 102466
Version no: 532B

TEST RECORD 00322

Temp Date Time ^{a/} 210L

Air Blank:
06/21/16 12:04 .000
Calibration Check:
21 06/21/16 12:04 .097

Subject Name

Subject I.D.

Operator Name, I.D.

Location

AS IV Serial no: 102466
Version no: 532B

TEST RECORD 00321

Temp Date Time ^{a/} 210L

Air Blank:
06/21/16 12:02 .000
Calibration Check:
20 06/21/16 12:02 .096

Subject Name

Subject I.D.

Operator Name, I.D.

Location



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

2

PERMIT
TYPE II
GREGORY A WEST

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 6/15/2015

NUMBER 250140

EXPIRES 6/15/2017

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

 **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 WEST, GREGORY
 Permit No 250140
 Date Issued 6/15/2015 Date Expires 6/15/2017

SRO Number: SRO-015959

Received Date: 06/01/2016

Completion Date: 06/03/2016

SRO Type: REPAIR

SRO Description: AS4M Repair

Customer ID: C000MOSULO

Customer PO: 3392

Contact: Greg West

Email: GWEST@SULLIVAN.MO.US

Ship To:

Sullivan Police Dept
106 Progress Drive
Sullivan MO 63080
USA

Units on SRO

1	14-0190-00	ASIVM(F22-05) MISSOURI
---	------------	------------------------

Service Line: 1		**All Instruments are Calibrated to Factory Specifications**	
Unit Type:	(14-0190-00) ASIVM(F22-05) MISSOURI		
Serial Number:	14102466		
Reason:	General Non-instrument Question		
	Generic		
Reason Notes:	Customer Reported Issue: "Is not working well."		
Resolution:	Replaced		
	RPL comp		
Resolution Notes:	0-C* as received , 52 pin connector not making good connection with the micro chip, replaced 52 pin connector. Instrument Calibrated to Factory Specifications.		
Parts:	<u>Qty</u>	<u>Part Number</u>	<u>Part Description</u>
	1	27-6500-00	MECH MPC COUPLER
	1	27-1530-00	ELEC CON 52 PIN PLCC IC SOCKET
	1	27-0230-00	CASE BATTERY COVER W/FOAM AS4