



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 107983	PRINTER SN 099.3586.802	DATE OF INSPECTION 03/02/2021
LOCATION OF INSTRUMENT (STREET AND CITY) 12 S. WATER STREET, LIBERTY, MO 64068		TIME OF INSPECTION 07:40 am

**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**

<input type="checkbox"/> SIMULATOR SOLUTION	<input checked="" type="checkbox"/> COMPRESSED ETHANOL-GAS MIXTURE
<input checked="" type="checkbox"/> STANDARD SUPPLIER <u>INTOXIMETERS</u> LOT # <u>AG911401</u> EXP. DATE <u>04/24/2021</u>	
<input type="checkbox"/> SIMULATOR TEMPERATURE (34°C ± 0.2°C) _____ SIMULATOR SN _____ SIMULATOR EXP DATE _____	

**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  .101	TEST 2  .101	TEST 3  .100
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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)	1	(.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).

<b>INSPECTING OFFICER</b>	
SIGNATURE 	PRINT NAME JAMES BUSH
TYPE II PERMIT NUMBER/EXPIRATION DATE 200048 - 01/10/2022	TELEPHONE NUMBER 816-407-3700

**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: 187983  
Version no: 532B

TEST RECORD 00950

Temp Date Time %/  
210L

Air Blank:  
03/02/21 07:46 .000  
Calibration Check:  
19 03/02/21 07:46 .101

Subject Name

Monthly Maintenance

Subject I.D.

Test 1

Operator Name, I.D.

J. Bush #8199

Location

12 S. Water St.,

Liberty, Mo 64068

AS IV Serial no: 187983  
Version no: 532B

TEST RECORD 00951

Temp Date Time %/  
210L

Air Blank:  
03/02/21 07:41 .000  
Calibration Check:  
20 03/02/21 07:41 .101

Subject Name

Monthly Maintenance

Subject I.D.

Test 2

Operator Name, I.D.

J. Bush #8199

Location

12 S. Water St.,

Liberty, Mo 64068

AS IV Serial no: 187983  
Version no: 532B

TEST RECORD 00952

Temp Date Time %/  
210L

Air Blank:  
03/02/21 07:44 .000  
Calibration Check:  
21 03/02/21 07:44 .100

Subject Name

Monthly Maintenance

Subject I.D.

Test 3

Operator Name, I.D.

J. Bush #8199

Location

12 S. Water St.,

Liberty, Mo 64068

AS IV Serial no: 187983  
Version no: 532B

TEST RECORD 00953

Temp Date Time %/  
210L

UOIR: RFI  
12 03/02/21 07:45

Subject Name

Monthly Maintenance

Subject I.D.

RFI Test

Operator Name, I.D.

J. Bush #8199

Location

12 S. Water St.,

Liberty, Mo 64068





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

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**PERMIT**  
**TYPE II**  
**JAMES S. BUSH**

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 1/10/2020

NUMBER 200048

EXPIRES 1/10/2022

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

LAB-4 (R6-10)

MO-680-0771 (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 BUSH, JAMES  
 Permit No 200048  
 Date Issued 1/10/2020 Date Expires 1/10/2022