



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 094802	NAME OF AGENCY CLAY COUNTY SHERIFF'S OFFICE	DATE OF INSPECTION 08/28/2021
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LOCATION OF INSTRUMENT (STREET AND CITY) 12 S. WATER STREET, LIBERTY, MO 64068	TIME OF INSPECTION 5:51 pm
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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 INTOXIMETERS LOT # AG102503 EXP. DATE 01/25/2023

SIMULATOR TEMPERATURE (34°C ± 0.2°C) _____ SIM. SN _____ SIM. NIST 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 <input checked="" type="checkbox"/> .098	TEST 2 <input checked="" type="checkbox"/> .097	TEST 3 <input checked="" type="checkbox"/> .097
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RFI DETECTOR OPERATING

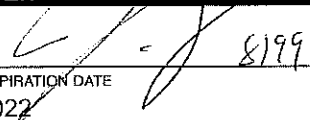
INDICATE THE NUMBER OF BREATH TESTS IN THE FOLLOWING RANGES SINCE THE LAST MAINTENANCE REPORT:
(DO NOT INCLUDE SELF-ADMINISTERED TESTS)

REFUSALS	0	(0-.04)	0	(.05-.09)	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).

NEW INSTRUMENT TO SHERIFF'S OFFICE, INITIAL MAINTENANCE, BEING PLACED INTO SERVICE

INSPECTING OFFICER

SIGNATURE 	PRINT NAME JAMES BUSH
TYPE II PERMIT NUMBER/EXPIRATION DATE 200048 - 01/10/2022	TELEPHONE NUMBER (816) 407-3702

Return completed report to the: Breath Alcohol Program, MO Department of Health and Senior Services, Southeast District Office by mail, fax, or email.

AS IV Serial no: 094802
Version no: 532B

TEST RECORD 01639

Temp Date Time ^{g/} 210L

Air Blank:
08/28/21 17:51 .000
Calibration Check:
23 08/28/21 17:51 .098

Subject Name

Into-Service Maintenance
Subject I.D.

Test 1

Operator Name, I.D.

S. Bush # 8199

Location

12 S. Water St.,

Liberty, Mo 64068

AS IV Serial no: 094802
Version no: 532B

TEST RECORD 01640

Temp Date Time ^{g/} 210L

Air Blank:
08/28/21 17:53 .000
Calibration Check:
24 08/28/21 17:53 .097

Subject Name

Into-Service Maintenance
Subject I.D.

Test 2

Operator Name, I.D.

S. Bush # 8199

Location

12 S. Water St.,

Liberty, Mo 64068

AS IV Serial no: 094802
Version no: 532B

TEST RECORD 01641

Temp Date Time ^{g/} 210L

Air Blank:
08/28/21 17:55 .000
Calibration Check:
24 08/28/21 17:55 .097

Subject Name

Into-Service Maintenance
Subject I.D.

Test 3

Operator Name, I.D.

S. Bush # 8199

Location

12 S. Water St.,

Liberty, Mo 64068

AS IV Serial no: 094802
Version no: 532B

TEST RECORD 01642

Temp Date Time ^{g/} 210L

VOID: RFI
12 08/28/21 17:57

Subject Name

Into-Service Maintenance

Subject I.D.

RFI Test

Operator Name, I.D.

S. Bush # 8199

Location

12 S. Water St.,

Liberty, Mo 64068



Airgas USA LLC (LAB)
 3500 Bernard Street
 St. Louis, Mo. 63103
 Ph: (314) 533-3100
 Fax: (314) 533-7328

Certificate of Analysis

Customer Name
 Exclusive Supplier
 Intoximeters, Inc.
 2081 Craig Road
 St. Louis, Mo 63146

Test Date: 27-Jan-2021

Lot # AG102503 Model 108cacd

<u>Exp. Date</u> 25-Jan-2023	<u>Cyl. Type</u> 108	<u>Component</u> Ethanol Nitrogen	<u>Certified Concentration</u> 0.100 ± 2% BrAC (272 ppm) Balance
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Certification Traceable to N.I.S.T. RGM and to CRM Ethanol Standards:

<u>RGM Serial No.</u>	<u>Concentration</u>	<u>RGM Serial No.</u>	<u>Concentration</u>
EB0010581	392.1 ppm	EB0010603	393.0 ppm
EB0010570	259.8 ppm	EB0010559	258.2 ppm
EB0010285	208.0 ppm	EB0010595	208.3 ppm
EB0010561	103.6 ppm	EB0010562	104.2 ppm
EB0010681	52.12 ppm	EB0010579	52.81 ppm

<u>CRM Serial No.</u>	<u>Concentration</u>	<u>CRM Serial No.</u>	<u>Concentration</u>
CC727481	800.0 ppm	CC727493	390.0 ppm
CC727496	253.0 ppm	CC727498	150.0 ppm

Analytical Method: NDIR

Digitally signed by Quality Control
 Date: 2021.01.29 13:36:13 -06:00
 Reason: Dry gas standard certification of analysis
 Location: Airgas USA LLC (Lab)

Approved for Release: _____

 Rod Marsala

ISO 17025:2005 A2LA accredited. Certificate Number 3082.06
ISO 17034:2016 A2LA accredited. Certificate Number 3082.07



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 (R16-10)

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 BUSH, JAMES
 Permit No 200048
 Date issued 1/10/2020 Date Expires 1/10/2022

