



MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES
STATE PUBLIC HEALTH LABORATORY

ALCO-SENSOR IV WITH PRINTER MAINTENANCE REPORT

RECEIVED

By Tracy Crews at 8:25 am, Aug 09, 2022

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 111759 | NAME OF AGENCY CLAY COUNTY SHERIFF'S OFFICE | DATE OF INSPECTION 08/04/2022 |
| LOCATION OF INSTRUMENT (STREET AND CITY) 12 S. WATER STREET, LIBERTY, MO 64068 | | TIME OF INSPECTION 12:36 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

☐ 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 ➡ .100

TEST 2 ➡ .101

TEST 3 ➡ .101

☒ 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) | 1 | (.10-.14) | 4 | (.15-.19) | 0 | (OVER .19) | 1 |
|----------|---|---------|---|-----------|---|-----------|---|-----------|---|------------|---|

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

JAMES BUSH

TYPE II PERMIT NUMBER/EXPIRATION DATE
210324 - 12/21/2023

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: 111759
Version no: 532B

TEST RECORD 00189

Temp Date Time 9/
210L

Air Blank:
08/04/22 12:36 .000
Calibration Check:
19 08/04/22 12:36 .100

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: 111759
Version no: 532B

TEST RECORD 00190

Temp Date Time 9/
210L

Air Blank:
08/04/22 12:37 .000
Calibration Check:
20 08/04/22 12:37 .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: 111759
Version no: 532B

TEST RECORD 00191

Temp Date Time 9/
210L

Air Blank:
08/04/22 12:39 .000
Calibration Check:
21 08/04/22 12:39 .101

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: 111759
Version no: 532B

TEST RECORD 00192

Temp Date Time 9/
210L

UBID: RFI
12 08/04/22 12:41

Subject Name

Monthly Maintenance

Subject I.D.

RFI Test

Operator Name, I.D.

J. 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 108cadd

| <u>Exp. Date</u> | <u>Cyl. Type</u> | <u>Component</u> | <u>Certified Concentration</u> |
|------------------|------------------|------------------|--------------------------------|
| 25-Jan-2023 | 108 | Ethanol | 0.100 ± 2% BrAC (272 ppm) |
| | | Nitrogen | Balance |

Certification Traceable to N.I.S.T. RGM and to CRM Ethanol Standards:

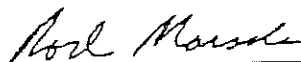
| <u>RGM Serial No.</u> | <u>Concentration</u> | <u>RGM Serial No.</u> | <u>Concentration</u> |
|-----------------------|----------------------|-----------------------|----------------------|
| EB0010581 | 392.1 ppm | EB0010603 | 393.0 ppm |
| EB0010570 | 259.8 ppm | EB0010559 | 258.2 ppm |
| EB0010285 | 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



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.

ATE, 12/21/2021

NUMBER 210324

EXPIRES 12/21/2023

580-0771 (6-10)

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

LAB-4, (R6-18)

 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 210324
Date Issued 12/21/2021 Date Expires 12/21/2023

