



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 107972 | NAME OF AGENCY BOONE COUNTY SHERIFF'S OFFICE | DATE OF INSPECTION 12/21/2021 |
| LOCATION OF INSTRUMENT (STREET AND CITY) 2111 E. COUNTY DR, COLUMBIA | | TIME OF INSPECTION 4:45 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 # AG112301 EXP. DATE 05/03/2023

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 .100 | TEST 3 .099 |
|--------------|--------------|--------------|

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 |
|----------|---|---------|---|-----------|---|-----------|---|-----------|---|------------|---|

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 OPERATING SATISFACTORILY AND WITHIN ESTABLISHED LIMITS.

| INSPECTING OFFICER | |
|---|------------------------------------|
| SIGNATURE | PRINT NAME STEVEN H. VERBLE |
| TYPE II PERMIT NUMBER/EXPIRATION DATE 210084, 04/22/2023 | TELEPHONE NUMBER (573) 875-1111 |

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: 187972
Version no: 532B

TEST RECORD 06739 s/
Temp Date Time 210L

Air Blank:
12/21/21 04:51 .000
Calibration Check:
21 12/21/21 04:53 .100

Subject Name
Test 1
Subject I.D.

Operator Name, I.D.
Verble, 210084
Location
2111 E. County Dr
Columbia

AS IV Serial no: 187972
Version no: 532B

TEST RECORD 06740 s/
Temp Date Time 210L

Air Blank:
12/21/21 04:55 .000
Calibration Check:
22 12/21/21 04:55 .100

Subject Name
Test 2
Subject I.D.

Operator Name, I.D.
Verble, 210084
Location
2111 E. County Dr
Columbia

AS IV Serial no: 187972
Version no: 532B

TEST RECORD 06741 s/
Temp Date Time 210L

Air Blank:
12/21/21 05:02 .000
Calibration Check:
23 12/21/21 05:02 .099

Subject Name
Test 3
Subject I.D.

Operator Name, I.D.
Verble, 210084
Location
2111 E. County Dr
Columbia

AS IV Serial no: 187972
Version no: 532B

TEST RECORD 06742 s/
Temp Date Time 210L

VOID: RFI
12 12/21/21 05:00

Subject Name
RFI
Subject I.D.

Operator Name, I.D.
Verble, 210084
Location
2111 E. County Dr
Columbia



Airgas USA LLC (LAB)
 3600 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: 3-May-2021

Lot # AG112301 Model 108caod

| Exp. Date | Cyl. Type | Component | Certified Concentration |
|------------|-----------|-----------|---------------------------|
| 3-May-2023 | 108 | Ethanol | 0.100 ± 2% BrAC (272 ppm) |
| | | Nitrogen | Balance |

| RGM Serial No. | Concentration | RGM Serial No. | Concentration |
|----------------|---------------|----------------|---------------|
| 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 |

| CRM Serial No. | Concentration | CRM Serial No. | Concentration |
|----------------|---------------|----------------|---------------|
| CC434668 | 800.0 ppm | 0056649 | 390.1 ppm |
| CC234503 | 253.0 ppm | 0056662 | 150.2 ppm |

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

Analytical Method: NDIR

Digitally signed by Quality Control
 Date: 2021.05.04 12:16:54 -0500
 Location: Airgas USA LLC (Lab)

Approved for Release: Rod Marsala
 Rod Marsala

ISO 17025:2017 AZLA accredited. Certificate Number 3082.06
 ISO 17034:2016 AZLA accredited. Certificate Number 3082.07



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

**PERMIT
 TYPE II**

STEVEN H. VERBLE

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 DMT

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 4/22/2021
 NUMBER 210084
 EXPIRES 4/22/2023
 MO 580.0271 (6-10)

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY
 DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES
 LAB-2 (06-10)

