



**RECEIVED**

By Tracy Crews at 11:02 am, Aug 10, 2020

**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<br>107992   | PRINTER SN<br>099.3586.825 | DATE OF INSPECTION<br>08/07/2020 |
| LOCATION OF INSTRUMENT (STREET AND CITY)<br>211 W. Broadway Webb City, MO |                            | TIME OF INSPECTION<br>05:37 PM   |

**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, Inc LOT # AG912204 EXP. DATE 05/02/2021

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 ← .103 | TEST 2 ← .1013 | TEST 3 ← .103 |
|---------------|----------------|---------------|

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).

**INSPECTING OFFICER**

|  |                                    |
|--|------------------------------------|
| SIGNATURE<br>  | PRINT NAME<br>Christopher Shonk    |
| TYPE II PERMIT NUMBER/EXPIRATION DATE<br>290143 / 06/27/2021 | TELEPHONE NUMBER<br>(417) 673-1911 |

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: 107992  
Version no: 532B

TEST RECORD 01038

Temp Date Time <sup>g/</sup> 210L

Air Blank:  
08/07/20 17:37 .000  
Calibration Check:  
18 08/07/20 17:37 .103

Subject Name

TEST #1  
Subject I.D.

Operator Name, I.D.

Cpl. C. Shook #457  
Location  
WCPO

AS IV Serial no: 107992  
Version no: 532B

TEST RECORD 01039

Temp Date Time <sup>g/</sup> 210L

Air Blank:  
08/07/20 17:39 .000  
Calibration Check:  
19 08/07/20 17:39 .103

Subject Name

TEST #2  
Subject I.D.

Operator Name, I.D.

Cpl. C. Shook #457  
Location  
WCPO

AS IV Serial no: 107992  
Version no: 532B

TEST RECORD 01040

Temp Date Time <sup>g/</sup> 210L

Air Blank:  
08/07/20 17:41 .000  
Calibration Check:  
20 08/07/20 17:41 .103

Subject Name

TEST #3  
Subject I.D.

Operator Name, I.D.

Cpl. C. Shook #457  
Location  
WCPO

AS IV Serial no: 107992  
Version no: 532B

TEST RECORD 01041

Temp Date Time <sup>g/</sup> 210L

VOID: RFI  
12 08/07/20 17:42

Subject Name

RFI CHECK  
Subject I.D.

Operator Name, I.D.

Cpl. C. Shook #457  
Location  
WCPO

AS IV Serial no: 107992  
Version no: 532B

TEST RECORD 01042

Temp Date Time <sup>g/</sup> 210L

Air Blank:  
08/07/20 17:43 .000  
Subject Test: Auto  
21 08/07/20 17:43 .000

Subject Name

Sober Sample  
Subject I.D.

Operator Name, I.D.

Cpl. C. Shook #457  
Location  
WCPO



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:** 6-May-2019

**Lot # AG912204 Model 108cadd**

| <u>Exp. Date</u> | <u>Cyl. Type</u> | <u>Component</u>    | <u>Certified Concentration</u>       |
|------------------|------------------|---------------------|--------------------------------------|
| 2-May-2021       | 108              | Ethanol<br>Nitrogen | 0.100 ± 2% BrAC (272 ppm)<br>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> |
|-----------------------|----------------------|-----------------------|----------------------|
| CC434668              | 800.0 ppm            | 0056649               | 390.1 ppm            |
| CC234503              | 253.0 ppm            | 0056662               | 150.2 ppm            |

**Analytical Method:** NDIR

Digitally signed by Quality Control  
 Date: 2019.05.17 12:35:24 -05:00  
 Reason: Cry gas standard certification of analysis  
 Location: Airgas USA LLC (Lab)

Approved for Release: \_\_\_\_\_

*Rod Marsala*  
 \_\_\_\_\_  
 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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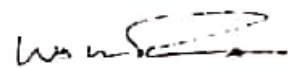
**PERMIT**  
**TYPE II**  
**CHRISTOPHER SHONK**

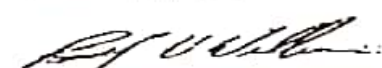
is hereby authorized to instruct and supervise operators, train instructors, inspect, calibrate, perform field service and repairs, and operate the following breath analyzer(s):

**INTOX DMT, INTOXILYZER 8000, ALCO-SENSOR IV W/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 6/27/2019  
NUMBER 290143  
EXPIRES 6/27/2021

  
\_\_\_\_\_  
DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

  
\_\_\_\_\_  
DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

MS-2019-15-12

LAB-PS-121

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 SHONK, CHRISTOPHER  
Permit No 290143  
Date Issued 6/27/2019 Date Expires 6/27/2021