



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<br>111743   | PRINTER SN<br>09B.3589.517 | DATE OF INSPECTION<br>01/09/2020 |
| LOCATION OF INSTRUMENT (STREET AND CITY)<br>115 E. 69 Highway, Claycomo, MO 64119 |                            | TIME OF INSPECTION<br>6:00 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 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 ➡ .099 | TEST 2 ➡ .100 | TEST 3 ➡ .100 |
|---------------|---------------|---------------|

- 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 within MO DOHSS standards and guidelines.

|  |                                     |
|--|-------------------------------------|
| <b>INSPECTING OFFICER</b>                                    |                                     |
| SIGNATURE<br><br>#118/162                                    | PRINT NAME<br>P.O. Jason A. Lederer |
| TYPE II PERMIT NUMBER/EXPIRATION DATE<br>290100 / 08/26/2021 | TELEPHONE NUMBER<br>(816) 452-4613  |

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

W Serial no: 111655  
Version no: 532B

TEST RECORD 00667

Date Time 21:01

RFI Check  
1/9/20 17:00 .000  
1/9/20 17:03 .000

TEST #1

RFI Check

W Serial no: 111655  
Version no: 532B

TEST RECORD 00668

Date Time 21:01

RFI Check  
1/9/20 17:05 .000  
1/9/20 17:07 .000

TEST #2

RFI Check

W Serial no: 111655  
Version no: 532B

TEST RECORD 00669

Date Time 21:01

RFI Check  
1/9/20 17:04 .000  
1/9/20 17:07 .000

TEST #3

RFI Check

W Serial no: 111655  
Version no: 532B

TEST RECORD 00670

Date Time 21:01

RFI Check  
1/9/20 17:00 .000

RFI CHECK

RFI Check

W Serial no: 111655  
Version no: 532B

TEST RECORD 00671

Date Time 21:01

RFI Check  
1/9/20 17:00 .000

SAMPLE TEST

LEADER #118/162

PERMIT #290190

EXP DATE 08/26/21



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:** 6-May-2019**Lot # AG912204 Model 108cadd****Exp. Date**

2-May-2021

**Cyl. Type**

108

**Component**Ethanol  
Nitrogen**Certified Concentration**0.100 ± 2% BrAC (272 ppm)  
Balance**Certification Traceable to N.I.S.T. RGM and to CRM Ethanol Standards:****RGM Serial No.**

EB0010581

**Concentration**

392.1 ppm

EB0010570

259.8 ppm

EB0010285

208.0 ppm

EB0010561

103.6 ppm

EB0010681

52.12 ppm

**RGM Serial No.**

EB0010603

**Concentration**

393.0 ppm

EB0010559

258.2 ppm

EB0010595

208.3 ppm

EB0010562

104.2 ppm

EB0010579

52.81 ppm

**CRM Serial No.**

CC434668

**Concentration**

800.0 ppm

CC234503

253.0 ppm

**CRM Serial No.**

0056649

**Concentration**

390.1 ppm

0056662

150.2 ppm

**Analytical Method:**

NDIR

Digitally signed by Quality Control  
Date: 2019.05.17 12:35:24 -05:00  
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

JASON A LEDERER

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

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 8/26/2019

NUMBER 290190

EXPIRES 8/26/2021

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

MO, 580-0771 (8-10)

LAG-4 (R6-10)

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 LEDERER, JASON  
Permit No 290190  
Date Issued 8/26/2019 Date Expires 8/26/2021