

**RECEIVED**

002/005

By Tracy Crews at 8:56 am, Feb 07, 2020



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 111655	PRINTER SN 09B.3589.464	DATE OF INSPECTION 02/06/2020
LOCATION OF INSTRUMENT (STREET AND CITY) 115 E. 69 Highway, Claycomo, MO 64119		TIME OF INSPECTION 1:30 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 ← .098

TEST 2 ← .098

TEST 3 ← .098

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	1	(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).

Instrument operating within MO DOHSS standards and guidelines.

**INSPECTING OFFICER**

SIGNATURE

1181-162

PRINT NAME

P.O. Jason A. Lederer

TYPE II PERMIT NUMBER/EXPIRATION DATE

290190 / 08/28/2021

TELEPHONE NUMBER

(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

AS IV Serial no: 111655  
Version no: 532B

TEST RECORD 00676

Temp	Date	Time	g/210L
Air Blank:	02/06/20	13:49	.000
Calibration Check:	24 02/06/20	13:49	.098

Subject Name

TEST #1

Subject I.D.

Operator Name, I.D.

Location

AS IV Serial no: 111655  
Version no: 532B

TEST RECORD 00678

Temp	Date	Time	g/210L
Air Blank:	02/06/20	13:58	.000
Calibration Check:	26 02/06/20	13:58	.098

Subject Name

TEST #3

Subject I.D.

Operator Name, I.D.

Location

AS IV Serial no: 111655  
Version no: 532B

TEST RECORD 00679

Temp	Date	Time	g/210L
Air Blank:	02/06/20	14:10	.000
Calibration Check:	02/06/20	14:10	.000

Subject Name

RFI CHECK

Subject I.D.

Operator Name, I.D.

Location

AS IV Serial no: 111655  
Version no: 532B

TEST RECORD 00680

Temp	Date	Time	g/210L
Air Blank:	02/06/20	14:11	.000
Calibration Check:	02/06/20	14:11	.000

Subject Name

SAMPLE TEST

Subject I.D.

Operator Name, I.D.

LEDGE # 118/102

Location

PERMIT # 290190

Exp DATE 08/26/21



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 108cacc**

**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

EB0010570

EB0010285

EB0010561

EB0010681

**Concentration**

392.1 ppm

259.8 ppm

208.0 ppm

103.6 ppm

52.12 ppm

**RGM Serial No.**

EB0010603

EB0010559

EB0010595

EB0010562

EB0010579

**Concentration**

393.0 ppm

258.2 ppm

208.3 ppm

104.2 ppm

52.81 ppm

**CRM Serial No.**

CC434668

CC234503

**Concentration**

800.0 ppm

253.0 ppm

**CRM Serial No.**

0056649

0056662

**Concentration**

390.1 ppm

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)

LAB-4 (16-10)

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