

**RECEIVED**

By Stephen Wilson at 2:52 pm, Aug 13, 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 102473	PRINTER SN 08C.3527.124	DATE OF INSPECTION 08/06/2020
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LOCATION OF INSTRUMENT (STREET AND CITY) GREENE COUNTY S/O - 1010 N. BOONVILLE AVE, SPRINGFIELD, MO 65802	TIME OF INSPECTION 10:13 pm
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**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**

<input type="checkbox"/> SIMULATOR SOLUTION	<input checked="" type="checkbox"/> COMPRESSED ETHANOL-GAS MIXTURE
<input checked="" type="checkbox"/> STANDARD SUPPLIER <u>INTOXIMETERS</u> LOT # <u>AG830303</u> EXP. DATE <u>10/30/2020</u>	
<input type="checkbox"/> 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  .101	TEST 2  .102	TEST 3  .097
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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-.04)	(.05-.09) 1	(.10-.14) 3	(.15-.19) 1	(OVER .19) 2
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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).

**INSPECTING OFFICER**

SIGNATURE 	PRINT NAME RYAN DEVOST
TYPE II PERMIT NUMBER/EXPIRATION DATE 290083 Expires: 04/19/2021	TELEPHONE NUMBER (417) 868-4040

**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



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

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**PERMIT**  
**TYPE II**  
**RYAN DEVOST**

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.

DATE 4/19/2019

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

NUMBER 290083

EXPIRES 4/19/2021

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

MO 580-0771 (6-10)

LAB-4 (P6-10)

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 DEVOST, RYAN  
 Permit No 290083  
 Date Issued 4/19/2019 Date Expires 4/19/2021





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:** 31-Oct-2018

**Lot #** AG830303 **Model** 108caccd

<u>Exp. Date</u>	<u>Cyl. Type</u>	<u>Component</u>	<u>Certified Concentration</u>
30-Oct-2020	108	Ethanol Nitrogen	0.100 ± 2% BrAC (272 ppm) Balance

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

<u>Serial No.</u>	<u>Concentration</u>	<u>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

**Analytical Method:** NDIR

Digitally signed by Quality Control  
Date: 2018.11.01 17:49:06 -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

AS IV Serial no: 102473  
Version no: 532B

TEST RECORD 01494

Temp	Date	Time	s/
			210L

Air Blank:

08/06/20 22:13 .000

Calibration Check:

23 08/06/20 22:13 .101

Subject Name

*TEST #1*

Subject I.D.

Operator Name, I.D.

Location

*[Signature]*

AS IV Serial no: 102473  
Version no: 532B

TEST RECORD 01495

Temp	Date	Time	s/
			210L

Air Blank:

08/06/20 22:15 .000

Calibration Check:

23 08/06/20 22:15 .102

Subject Name

*TEST #2*

Subject I.D.

Operator Name, I.D.

Location

*[Signature]*

AS IV Serial no: 102473  
Version no: 532B

TEST RECORD 01496

Temp	Date	Time	s/
			210L

Air Blank:

08/06/20 22:17 .000

Calibration Check:

24 08/06/20 22:17 .097

Subject Name

*TEST #3*

Subject I.D.

Operator Name, I.D.

Location

*[Signature]*

AS IV Serial no: 102473  
Version no: 532B

TEST RECORD 01497

Temp	Date	Time	s/
			210L

Air Blank:

08/06/20 22:19 .000

Calibration Check:

25 08/06/20 22:19 .000

Subject Name

*SOBER Sample*

Subject I.D.

Operator Name, I.D.

Location

*[Signature]*

AS IV Serial no: 102473  
Version no: 532B

TEST RECORD 01499

Temp	Date	Time	s/
			210L

VOID: RFI

12 08/06/20 22:21

Subject Name

*RFI*

Subject I.D.

Operator Name, I.D.

Location

*[Signature]*