



MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES  
STATE PUBLIC HEALTH LABORATORY  
**ALCO-SENSOR IV WITH PRINTER MAINTENANCE REPORT**

**RECEIVED**

By Tracy Crews at 11:18 am, Jan 03, 2020

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 107992	PRINTER SN 099.3586.825	DATE OF INSPECTION 01/02/2020
LOCATION OF INSTRUMENT (STREET AND CITY) 211 W. Broadway Webb City, MO		TIME OF INSPECTION 1:54 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 ← .102	TEST 3 ← .103
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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	(0-.04)	0	(.05-.09)	0	(.10-.14)	1	(.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).

C

<b>INSPECTING OFFICER</b>	
SIGNATURE 	PRINT NAME Christopher Shonk
TYPE II PLUMM NUMBER/EXPIRATION DATE 270141 / 07/12/2019	TELEPHONE NUMBER (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 00989

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

Air Blank:  
01/02/20 13:54 .000  
Calibration Check:  
18 01/02/20 13:54 .103

Subject Name

TEST #1

Subject I.D.

Operator Name, I.D.

Cpl. C. Shank #457

Location

WCPD

AS IV Serial no: 107992  
Version no: 532B

TEST RECORD 00990

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

Air Blank:  
01/02/20 13:56 .000  
Calibration Check:  
19 01/02/20 13:56 .102

Subject Name

TEST #2

Subject I.D.

Operator Name, I.D.

Cpl. C. Shank #457

Location

WCPD

AS IV Serial no: 107992  
Version no: 532B

TEST RECORD 00991

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

Air Blank:  
01/02/20 13:58 .000  
Calibration Check:  
19 01/02/20 13:58 .103

Subject Name

TEST #3

Subject I.D.

Operator Name, I.D.

Cpl. C. Shank #457

Location

WCPD

AS IV Serial no: 107992  
Version no: 532B

TEST RECORD 00992

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

VOID: RFI  
12 01/02/20 13:59

Subject Name

RFI CHECK

Subject I.D.

Operator Name, I.D.

Cpl. C. Shank #457

Location

AS IV Serial no: 107992  
Version no: 532B

TEST RECORD 00993

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

Air Blank:  
01/02/20 14:01 .000  
Subject Test: Auto  
20 01/02/20 14:01 .000

Subject Name

SUBER SAMPLE

Subject I.D.

Operator Name, I.D.

Cpl. C. Shank #457

Location

WCPD



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**

<b><u>Exp. Date</u></b> 2-May-2021	<b><u>Cyl. Type</u></b> 108	<b><u>Component</u></b> Ethanol Nitrogen	<b><u>Certified Concentration</u></b> 0.100 ± 2% BrAC (272 ppm) Balance
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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: 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**  
**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

MO 580 2/11 (5 10)

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