



MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES  
STATE PUBLIC HEALTH LABORATORY

**ALCO-SENSOR IV WITH PRINTER MAINTENANCE REPORT**

**RECEIVED**

By Tracy Crews at 2:47 pm, Dec 22, 2020

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 111318	PRINTER SN 096.3580.958	DATE OF INSPECTION 11/28/2020
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LOCATION OF INSTRUMENT (STREET AND CITY) 1000 North Boonville Street Springfield, Missouri	TIME OF INSPECTION 2236
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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**

SIMULATOR SOLUTION

COMPRESSED ETHANOL-GAS MIXTURE

STANDARD SUPPLIER Intoximeters LOT # AG027403 EXP. DATE 09/30/2022

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  .096

TEST 2  .097

TEST 3  .097

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)

(.10-.14)

(.15-.19)

(OVER .19)

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).

- CALIBRATION COMPLETED 11/28/2020

**INSPECTING OFFICER**

SIGNATURE

*Kyle Winchell* 1082

PRINT NAME

Kyle Winchell

TYPE II PERMIT NUMBER/EXPIRATION DATE

200259 09/24/2022

TELEPHONE NUMBER

417-829-4040

**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



AS IV Serial no: 111318  
Version no: 532B

TEST RECORD 00267

Temp	Date	Time	s/	210L
Air Blank:	11/28/20	22:34	.000	
Calibration:	25 11/28/20	22:34	.096	

Air Blank:  
11/28/20 22:34 .000  
Calibration:  
25 11/28/20 22:34 .096

Subject Name  
Calibration

Subject I.D.

Operator Name, I.D.

Zyl Zwill

Location

AS IV Serial no: 111318  
Version no: 532B

TEST RECORD 00268

Temp	Date	Time	s/	210L
Air Blank:	11/28/20	22:36	.000	
Calibration Check:	25 11/28/20	22:36	.096	

Air Blank:  
11/28/20 22:36 .000  
Calibration Check:  
25 11/28/20 22:36 .096

Subject Name

Test 1

Subject I.D.

Operator Name, I.D.

Zyl Zwill

Location

AS IV Serial no: 111318  
Version no: 532B

TEST RECORD 00269

Temp	Date	Time	s/	210L
Air Blank:	11/28/20	22:37	.000	
Calibration Check:	26 11/28/20	22:37	.097	

Air Blank:  
11/28/20 22:37 .000  
Calibration Check:  
26 11/28/20 22:37 .097

Subject Name

Test 2

Subject I.D.

Operator Name, I.D.

Zyl Zwill

Location

AS IV Serial no: 111318  
Version no: 532B

TEST RECORD 00270

Temp	Date	Time	s/	210L
Air Blank:	11/28/20	22:39	.000	
Calibration Check:	26 11/28/20	22:39	.097	

Air Blank:  
11/28/20 22:39 .000  
Calibration Check:  
26 11/28/20 22:39 .097

Subject Name

Test 3

Subject I.D.

Operator Name, I.D.

Zyl Zwill

Location

AS IV Serial no: 111318  
Version no: 532B

TEST RECORD 00271

Temp	Date	Time	s/	210L
VOID: RFI	12 11/28/20	22:41		

VOID: RFI  
12 11/28/20 22:41

Subject Name

Test 4 / RFI

Subject I.D.

Operator Name, I.D.

Zyl Zwill

Location

AS IV Serial no: 111318  
Version no: 532B

TEST RECORD 00272

Temp	Date	Time	s/	210L
Air Blank:	11/28/20	22:42	.000	
Subject Test: Auto	26 11/28/20	22:42	.000	

Air Blank:  
11/28/20 22:42 .000  
Subject Test: Auto  
26 11/28/20 22:42 .000

Subject Name

Test 5 / Sober

Subject I.D.

Operator Name, I.D.

Zyl Zwill

Location



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:** 1-Oct-2020

**Lot #** AG027403 **Model** 108cadd

<u>Exp. Date</u>	<u>Cyl. Type</u>	<u>Component</u>	<u>Certified Concentration</u>
30-Sep-2022	108	Ethanol	0.100 ± 2% BrAC (272 ppm)
		Nitrogen	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: 2020.10.02 12:22:16 -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

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**PERMIT  
 TYPE II**

**KYLE R. WINCHELL**

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 9/24/2020

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

NUMBER 200259

EXPIRES 9/24/2022

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

MO 580-0771 (6-10)

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 WINCHELL, KYLE  
 Permit No 200259  
 Date Issued 9/24/2020 Date Expires 9/24/2022