



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 097430	PRINTER SN 096.3580.928	DATE OF INSPECTION 12/14/2022
LOCATION OF INSTRUMENT (STREET AND CITY) 205 N Lexington St Harrisonville MO 64701		TIME OF INSPECTION 4:39 am

**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>AG106801</u> EXP. DATE <u>03/09/2023</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)

<input type="checkbox"/> 0.100% STANDARD - MUST READ BETWEEN 0.095% and 0.105% INCLUSIVE
<input checked="" type="checkbox"/> 0.080% STANDARD - MUST READ BETWEEN 0.076% and 0.084% INCLUSIVE
<input type="checkbox"/> 0.040% STANDARD - MUST READ BETWEEN 0.038% and 0.042% INCLUSIVE

TEST 1  0.078	TEST 2  0.078	TEST 3  0.078
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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)	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).

N/A

**INSPECTING OFFICER**

SIGNATURE 	PRINT NAME Ryan Stark
TYPE II PERMIT NUMBER/EXPIRATION DATE 210168 08/04/2023	TELEPHONE NUMBER (816) 380-8940

**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: 097430  
Version no: 532B

TEST RECORD 00905

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

Air Blank:  
12/14/22 04:39 .000  
Calibration Check:  
21 12/14/22 04:39 .078

Subject Name

TEST #1

Subject I.D.

STARK #289

Operator Name, I.D.

HPD

Location

AS IV Serial no: 097430  
Version no: 532B

TEST RECORD 00906

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

Air Blank:  
12/14/22 04:42 .000  
Calibration Check:  
21 12/14/22 04:42 .078

Subject Name

TEST #2

Subject I.D.

STARK #289

Operator Name, I.D.

HPD

Location

AS IV Serial no: 097430  
Version no: 532B

TEST RECORD 00907

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

Air Blank:  
12/14/22 04:45 .000  
Calibration Check:  
22 12/14/22 04:45 .078

Subject Name

TEST #3

Subject I.D.

STARK #289

Operator Name, I.D.

HPD

Location

AS IV Serial no: 097430  
Version no: 532B

TEST RECORD 00908

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

VOID: RFI  
12 12/14/22 04:47

Subject Name

RFI TEST

Subject I.D.

STARK #289

Operator Name, I.D.

HPD

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: 9-Mar-2021

Lot # AG106801 Model 108cacc

Exp. Date  
 9-Mar-2023

Cyl. Type  
 108

Component  
 Ethanol  
 Nitrogen

Certified Concentration  
 0.080 ± 0.002 BrAC (218 ppm)  
 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>
CC727481	800.0 ppm	CC727493	390.0 ppm
CC727496	253.0 ppm	CC727498	150.0 ppm

Analytical Method: NDIR

Approved for Release:

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

2

**PERMIT  
 TYPE II**

**RYAN STARK**

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 8/4/2021

NUMBER 210168

EXPIRES 8/4/2023

*Laura Q. Day*

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

*Robt. K. Kuehl*

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

LAB-4 (R6-10)

MO 580:0771 (6-10)



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 STARK, RYAN

Permit No 210168

Date Issued 8/4/2021 Date Expires 8/4/2023