



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 12/29/2024
LOCATION OF INSTRUMENT (STREET AND CITY) 205 N Lexington St Harrisonville MO 64701		TIME OF INSPECTION 6:29 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**

SIMULATOR SOLUTION  COMPRESSED ETHANOL-GAS MIXTURE

STANDARD SUPPLIER Intoximeters LOT # AG304703 EXP. DATE 02/16/2025

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 ← 0.078	TEST 2 ← 0.079	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).

**INSPECTING OFFICER**

SIGNATURE #289	PRINT NAME R. Stark
TYPE II PERMIT NUMBER/EXPIRATION DATE 230174 08/08/2025	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 01074

Temp Date Time <sup>9/</sup> 210L

Air Blank:  
12/29/24 06:29 .000  
Calibration Check:  
21 12/29/24 06:29 .078

Subject Name

TEST #1

Subject I.D.

STARK #209

Operator Name, I.D.

HPD

Location

AS IV Serial no: 097430  
Version no: 532B

TEST RECORD 01076

Temp Date Time <sup>9/</sup> 210L

Air Blank:  
12/29/24 06:33 .000  
Calibration Check:  
22 12/29/24 06:33 .078

Subject Name

TEST #3

Subject I.D.

STARK #209

Operator Name, I.D.

HPD

Location

AS IV Serial no: 097430  
Version no: 532B

TEST RECORD 01075

Temp Date Time <sup>9/</sup> 210L

Air Blank:  
12/29/24 06:31 .000  
Calibration Check:  
21 12/29/24 06:31 .079

Subject Name

TEST #2

Subject I.D.

STARK #209

Operator Name, I.D.

HPD

Location

AS IV Serial no: 097430  
Version no: 532B

TEST RECORD 01077

Temp Date Time <sup>9/</sup> 210L

VOID: RFI  
12 12/29/24 06:35

Subject Name

RFI ✓

Subject I.D.

STARK #209

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 63148

Test Date: 16-Feb-2023

Lot # AG304703 Model 108

Exp Date 16-Feb-2025	Cyl. Type 108	Component Ethanol Nitrogen	Certified Concentration 0.080 ± 0.002 BrAC (218 ppm)
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Certification Traceable to N.I.S.T. RGM and to CRM Ethanol Standards:

RGM Serial No.	Concentration	RGM Serial No.	Concentration
EB0010581	391.8 ppm	EB0010603	392.5 ppm
EB0010570	259.8 ppm	EB0010559	258.9 ppm
EB0010285	209.0 ppm	EB0010562	104.2 ppm
EB0010561	103.7 ppm	EB0010579	52.94 ppm
EB0010681	52.22 ppm		

CRM Serial No.	Concentration	CRM Serial No.	Concentration
CC727481	800.0 ppm	CC727493	390.0 ppm
CC727498	253.0 ppm	CC727498	150.0 ppm

Analytical Method: NDIR

Digitally signed by: Quality Control  
 Reason: Dry gas standard certification of analyte  
 Location: Airgas USA LLC (Lab)  
 Date: 02.16.2023 19:08

Approved for Release: \_\_\_\_\_

Rod Marsala

ISO 17025:2017 A2LA accredited. Certificate Number 3082.06  
 ISO 17034:2016 A2LA accredited. Certificate Number 3082.07

TYPE II Supervisor



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



**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, 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 8/8/2023

NUMBER 230174

EXPIRES 8/8/2025

MO 888-0771 (8-12)

*Michelle M...*  
DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

*Paula J. Nielsen*  
DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

LAB-4 (RS-18)

**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 **230174**  
Date issued **8/8/2023** Date Expires **8/8/2025**

