



MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES  
STATE PUBLIC HEALTH LABORATORY

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

**RECEIVED**

By Tracy Crews at 7:35 am, Sep 06, 2023

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 111776	PRINTER SN 09B.3589.432	DATE OF INSPECTION 08/18/2023
LOCATION OF INSTRUMENT (STREET AND CITY) 9701 Marion Park Dr		TIME OF INSPECTION 6:01 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 LOT # AG132803 EXP. DATE 11/24/2023

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 0.079

TEST 2 0.079

TEST 3 0.079

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)
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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).  
Instrument meets all DOHSS standards and guidelines

**INSPECTING OFFICER**

SIGNATURE

PRINT NAME  
Douglas Davidson

TYPE II PERMIT NUMBER/EXPIRATION DATE  
230065 04/06/2025

TELEPHONE NUMBER  
(816) 234-5000

**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: 111776  
Version no: 532B

TEST RECORD 00370

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

Air Blank:  
08/18/23 18:04 .000  
Calibration Check:  
24 08/18/23 18:04 .079

Subject Name  
Test # 1  
Subject I.D.

Operator Name, I.D.  
Dawson 5646  
Location  
230065 04/06/2025

AS IV Serial no: 111776  
Version no: 532B

TEST RECORD 00371

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

Air Blank:  
08/18/23 18:05 .000  
Calibration Check:  
24 08/18/23 18:05 .079

Subject Name  
Test # 2  
Subject I.D.

Operator Name, I.D.  
Dawson 5646  
Location  
230065 04/06/2025

AS IV Serial no: 111776  
Version no: 532B

TEST RECORD 00372

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

Air Blank:  
08/18/23 18:07 .000  
Calibration Check:  
25 08/18/23 18:07 .079

Subject Name  
Test # 3  
Subject I.D.

Operator Name, I.D.  
Dawson 5646  
Location  
230065 04/06/2025

AS IV Serial no: 111776  
Version no: 532B

TEST RECORD 00373

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

VOID: RFI  
12 08/18/23 18:08

Subject Name  
RFI Test  
Subject I.D.

Operator Name, I.D.  
Dawson 5646  
Location  
230065 04/06/2025

# Airgas

Airgas USA LLC (LAsB)  
3500 Seneca Street  
St. Louis, Mo. 63103  
Ph: (314) 593-4100  
Fax: (314) 593-7328

## Certificate of Analysis

Test Date: 29-Nov-2021

Customer Name  
Exclusive Supplier  
Intoximeters, Inc.  
2081 Craig Road  
St Louis, Mo 63146

Lot # AG132903 Model 108

Exp Date  
24-Nov-2023

Cyl Type  
108

Component  
Ethanol Nitrogen  
Certified Concentration  
0.082 ± 0.002 9-A-C (223 ppm)

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

RGM Serial No.	Concentration	RGM Serial No.	Concentration
EB0010581	392.4 ppm	EB0010563	393.0 ppm
EB0010570	259.8 ppm	EB0010559	258.2 ppm
EB0010285	208.0 ppm	EB0010595	208.3 ppm
EB0010561	103.6 ppm	EB0010582	104.2 ppm
EB0010681	52.12 ppm	EB0010579	52.81 ppm

CRM Serial No.	Concentration	CRM Serial No.	Concentration
CC434688	800.0 ppm	0056649	390.1 ppm
CC234503	259.0 ppm	0056662	150.2 ppm

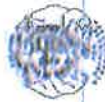
Analytical Method: NDIR

Intoximeters, Inc. is an Equal Opportunity Employer  
Minority and Female Owned Business  
Certification of Analysis  
Date: 11/29/2021 12:42

Approved for Release:

*Rod Marsala*  
Rod Marsala

ISO 17025:2017 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

DOUGLAS D. DAVIDSON



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, INTOXIMIZER 8000**

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 4/6/2023

NUMBER 230065

EXPIRES 4/6/2025

MO 888 871 (6-16)

DIRECTOR OF STATE ALCOHOL HEALTH LABORATORY

*Dave J. Richards*

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

1-888-684-4123

