



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 111780	PRINTER SN 09B.3589.546	DATE OF INSPECTION 06/17/2020
LOCATION OF INSTRUMENT (STREET AND CITY) 9701 MARION PARK DR, KANSAS CITY		TIME OF INSPECTION 12:34 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 # AG905605 EXP. DATE 02/25/2021
- 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 ➡ .079	TEST 2 ➡ .079	TEST 3 ➡ .079
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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).

Instrument meets all DOHSS standards and guidelines.

**INSPECTING OFFICER**

SIGNATURE P.O. SL R 5396	PRINT NAME Shawn Davis
TYPE II PERMIT NUMBER/EXPIRATION DATE 290088 / 04/22/2021	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: 111780  
Version no: 532B

TEST RECORD 00269

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

Air Blank:  
06/17/20 00:34 .000  
Calibration Check:  
20 06/17/20 00:34 .079

Subject Name

Test #1

Subject I.D.

Operator Name, I.D.

Davis 290088

Location

AS IV Serial no: 111780  
Version no: 532B

TEST RECORD 00271

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

Air Blank:  
06/17/20 00:37 .000  
Calibration Check:  
22 06/17/20 00:37 .079

Subject Name

Test #3

Subject I.D.

Operator Name, I.D.

Davis 290088

Location

AS IV Serial no: 111780  
Version no: 532B

TEST RECORD 00270

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

Air Blank:  
06/17/20 00:35 .000  
Calibration Check:  
21 06/17/20 00:35 .079

Subject Name

Test #2

Subject I.D.

Operator Name, I.D.

Davis 290088

Location

AS IV Serial no: 111780  
Version no: 532B

TEST RECORD 00272

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

VOID: RFI  
12 06/17/20 00:38

Subject Name

RFI Test

Subject I.D.

Operator Name, I.D.

Davis 290088

Location



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

2

PERMIT  
TYPE II

SHAWN DAVIS

I hereby authorize 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, INTOXILYZER 8000**

for the determination of the alcoholic content of blood from a sample of expired air. Permit issued under the provisions of sections 7.020 through 577.041, RSMo and 306.111 through 306.119 RSMo.

PERMIT NO. 4722/2021

ISSUE DATE 2/20/2021

EXPIRES 4/22/2021

390-0771 (6-10)

*W. S. Shaw*

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

*W. S. Shaw*

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

LMS-4 (06-10)

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

**INSTRUMENT OPERATOR CARD**

The named contributor is authorized to operate an evidential breath alcohol instrument for the determination of the alcoholic content in breath form of expiring air.

Operator: DAVIS, SHAWN  
Permit No: 290069  
Date Issued: 4/22/2019  
Date Expires: 4/22/2021

# Airgas.

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: 26-Feb-2019

Lot # AG905605 Model 108caod

Exp. Date	Cyl. Type	Component	Certified Concentration
25-Feb-2021	108	Ethanol	0.082 ± 0.002 BRAC (223 ppm)
		Nitrogen	Balance

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

RGM Serial No.	Concentration	RGM Serial No.	Concentration
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
CRM Serial No.	Concentration	CRM Serial No.	Concentration
CC434668	800.0 ppm	0056649	390.1 ppm
CC234503	253.0 ppm	0056662	150.2 ppm

Analytical Method: NDIR

Digitally signed by Quality Control  
Reason: Cry gas standard certification of analysis  
Location: Airgas USA LLC (Lab)

Approved for Release:

*Rod Marsala*  
Rod Marsala

ISO 17025:2005 A2LA accredited. Certificate Number 3082.06  
ISO 17034:2016 A2LA accredited. Certificate Number 3082.07