



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 111655	PRINTER SN 09B.3589.464	DATE OF INSPECTION 12/13/2023
LOCATION OF INSTRUMENT (STREET AND CITY) 115 E. 69 Highway, Claycomo, MO 64119		TIME OF INSPECTION 1:03 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 # AG309501 EXP. DATE 04/05/2025
- 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 ← .101	TEST 2 ← .101	TEST 3 ← .100
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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)	1	(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 operating within MO DOHSS standards and guidelines.

**INSPECTING OFFICER**

SIGNATURE <i>Lt. Jeffrey Kirk #104</i>	PRINT NAME Lt. Jeffrey Kirk # 104
TYPE II PERMIT NUMBER/PIPER DATE 220076 03/09/2024	TELEPHONE NUMBER (816) 452-4613

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: 111655  
Version no: 582B

AS IV Serial no: 111655  
Version no: 582B

TEST RECORD - REPRINT

TEST RECORD - REPRINT

TEST RECORD 01210

TEST RECORD 01211

Temp Date Time 218L

Temp Date Time 218L

Air Blank:  
12/13/23 01:04 .000  
Calibration Check:  
23 12/13/23 01:04 .181

Air Blank:  
12/13/23 01:07 .000  
Calibration Check:  
32 12/13/23 01:07 .180

Subject Name

Test # 2

Subject Name

Test # 3

Subject I.D.

Subject I.D.

Operator Name: I.D. 220076

Operator Name: I.D. 220076

LT. Jeffrey Kirk #104  
Location Claycomo P.D.  
115 E US 69 Hwy

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Location Claycomo P.D.  
115 E US 69 Hwy

Claycomo, mo 64119

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AS IV Serial no: 111655  
Version no: 582B

TEST RECORD 01209

Temp Date Time 218L

Air Blank:  
12/13/23 01:03 .000  
Calibration Check:  
20 12/13/23 01:03 .181

Subject Name

Test # 1

Subject I.D.

Operator Name: I.D. 220076

LT. Jeffrey Kirk #104  
Location Claycomo P.D.  
115 E US 69 Hwy

Claycomo, mo 64119

AS IV Serial no: 111655  
Version no: 582B

TEST RECORD 01212

Temp Date Time 218L

AIR RFI  
32 12/13/23 01:10

Subject Name

RFI

Subject I.D.

Operator Name: I.D. 220076

LT. Jeffrey Kirk #104  
Location Claycomo P.D.  
115 E US 69 Hwy

Claycomo, mo 64119



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: 5-Apr-2023

Lot # AG309501 Model 108

Exp Date	Cyl. Type	Component	Certified Concentration
5-Apr-2025	108	Ethanol Nitrogen	0.100 ± 2% BrAC (272 ppm)

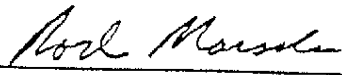
Certification Traceable to N.I.S.T. RGM and to CRM Ethanol Standards:

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
CC727496	253.0 ppm	CC727498	150.0 ppm

Analytical Method: NDIR

Digitally signed by: Quality Control  
Reason: Dry gas standard certification of analysis  
Location: Airgas USA LLC (Lab)  
Date: 04.05.2023 17:34

Approved for Release:   
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**  
**JEFFREY KIRK**

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 3/9/2022

NUMBER 220076

EXPIRES 3/9/2024

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

MO 580-0771 (8-10)

LAB-4 (R5-10)

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 KIRK, JEFFREY  
Permit No 220076  
Date Issued 3/9/2022 Date Expires 3/9/2024