



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 100284	NAME OF AGENCY COLUMBIA POLICE DEPT	DATE OF INSPECTION 02/11/2023
LOCATION OF INSTRUMENT (STREET AND CITY) 600 E WALNUT ST., COLUMBIA		TIME OF INSPECTION 1:05 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 # AG209701 EXP. DATE 04/07/2024

SIMULATOR TEMPERATURE (34°C ± 0.2°C) SIM. SN SIM. NIST 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 ← .101

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).

**DONE PER DHSS RULES AND REGULATIONS**

**INSPECTING OFFICER**

SIGNATURE  
 2271

PRINT NAME  
 JORDAN D PAYNE

TYPE II PERMIT NUMBER/EXPIRATION DATE  
 210211 09/14/2023

TELEPHONE NUMBER  
 (573) 874-7652

**Return completed report to the:** Breath Alcohol Program, MO Department of Health and Senior Services, Southeast District Office by mail, fax, or email.

01 100210  
582B

TEST RECORD 00354

emp Date Time

Air Blank  
02/11/73 10:00 AM  
Callibrating Mic  
23 02/11/73 10:05 AM

Subject Name

~~XXXXXXXXXX~~

Subject ID

Test 1

Operator Name: J.J.

Jordan Payne 2271

AS IV Serial No: 100210  
Version: 582B

TEST RECORD 00354

emp Date Time

Air Blank  
02/11/73 10:00 AM  
Callibrating Mic  
23 02/11/73 10:05 AM

Subject Name

Test

Subject ID

2

Operator Name: J.J.

Jordan Payne 2271

AS IV Serial No: 100294  
Version: 582B

TEST RECORD 00356

emp Date Time

Air Blank  
02/11/73 10:05 AM  
Callibrating Mic  
25 02/11/73 10:10 AM

Subject Name

Test

Subject ID

3

Operator Name: J.J.

Jordan Payne 2271

AS IV Serial No: 100294  
Version: 582B

TEST RECORD 00356

emp Date Time

Air Blank  
02/11/73 10:05 AM  
Callibrating Mic  
25 02/11/73 10:10 AM

Subject Name

TEST

Subject ID

RFI

Operator Name: J.J.

Jordan Payne 2271

AS IV Serial No: 100294  
Version: 582B

TEST RECORD 00356

emp Date Time

Air Blank  
02/11/73 10:05 AM  
Callibrating Mic  
25 02/11/73 10:10 AM

Subject Name

Self Test

Subject ID

Jordan Payne 2271



Airgas USA LLC (LAB)  
 3800 Bernard Street  
 St. Louis, Mo. 63103  
 Ph: (314) 838-3100  
 Fax: (314) 838-7320

### Certificate of Analysis

Customer Name  
 Exclusive Supplier  
 Intoximeters, Inc.  
 2081 Craig Road  
 St. Louis, Mo 63148

Test Date: 11-Apr-2022

Lot # AG209701 Model 108

Exp Date 7-Apr-2024	Cyl. Type 108	Component Ethanol Nitrogen	Certified Concentration 0.100 ± 2% BrAC (272 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
EB0010591	391.8 ppm	EB0010803	392.5 ppm
EB0010579	259.0 ppm	EB0010359	258.9 ppm
EB0010286	209.0 ppm	EB0010562	104.2 ppm
EB0010501	103.7 ppm	EB0010579	52.04 ppm
EB0010601	52.22 ppm		

CRM Serial No.	Concentration	CRM Serial No.	Concentration
CC727481	900.0 ppm	CC727483	399.0 ppm
CC727486	253.0 ppm	CC727498	159.0 ppm

Analytical Method: NDIR

Digitally signed by Rod Marsala  
 Reason: Dry gas standard certification of analysis  
 Location: Airgas USA LLC (Lab)  
 Date: 2022.04.11 16:00

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  
 APPLICABLE PROGRAM



PERMIT  
 TYPE II

JORDAN PAYNE

To be used to construct and operate a facility, such as a building, structure, system, or other facility, which is subject to the provisions of the applicable program.

ALCO-SUNIOR IV WITH PRINTER, INKOK UNIT

The following information is provided for the purpose of identifying the facility and the applicable program.

APPLICANT:                       
 ADDRESS:                       
 PHONE:                       
 COUNTY:                     

