



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 102457	NAME OF AGENCY Columbia Police Department	DATE OF INSPECTION 12/17/2021
LOCATION OF INSTRUMENT (STREET AND CITY) 600 E Walnut St., Columbia		TIME OF INSPECTION 4:41 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 # AG020401 EXP. DATE 07/22/2022

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 .105      TEST 2 .105      TEST 3 .104

- 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    1    (0-.04)    (.05-.09)    (.10-.14)    (.15-.19)    (OVER .19)    1

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      PRINT NAME  
JORDAN PAYNE

TYPE II PERMIT NUMBER/EXPIRATION DATE      TELEPHONE NUMBER  
210211 09/14/2023      (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.

AS IV Serial no: 102457  
Version no: 532B

TEST RECORD 00915

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

Air Blank:  
12/17/21 04:41 .000  
Calibration Check:  
15 12/17/21 04:41 .105

Subject Name

Test

Subject I.D.

1

Operator Name, I.D.

Jordan Payne 2271  
Location

AS IV Serial no: 102457  
Version no: 532B

TEST RECORD 00916

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

Air Blank:  
12/17/21 04:43 .000  
Calibration Check:  
17 12/17/21 04:43 .105

Subject Name

Test

Subject I.D.

2

Operator Name, I.D.

Jordan Payne 2271  
Location

AS IV Serial no: 102457  
Version no: 532B

TEST RECORD 00917

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

Air Blank:  
12/17/21 04:45 .000  
Calibration Check:  
19 12/17/21 04:45 .104

Subject Name

Test

Subject I.D.

3

Operator Name, I.D.

Jordan Payne 2271  
Location

AS IV Serial no: 102457  
Version no: 532B

TEST RECORD 00918

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

VOID: RFI  
12 12/17/21 04:47

Subject Name

RFI

Subject I.D.

Jordan Payne 2271

Operator Name, I.D.

Location

AS IV Serial no: 102457  
Version no: 532B

TEST RECORD 00919

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

Air Blank:  
12/17/21 04:48 .000  
Calibration Check:  
21 12/17/21 04:48 .000

Subject Name

Self Test

Subject I.D.

Jordan Payne 2271

Operator Name, I.D.

Location



Airgas USA LLC (LAB)  
 5000 Bernard Street  
 St. Louis, Mo. 63109  
 Ph: (314) 833-3100  
 Fax: (314) 833-7328

**Certificate of Analysis**

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

**Test Date:** 22-Jul-2020

**Lot # AG020401 Model 108cacc**

<b>Exp. Date</b> 22-Jul-2022	<b>Cyl. Type</b> 108	<b>Component</b> Ethanol Nitrogen	<b>Certified Concentration</b> 0.100 ± 2% BrAC (272 ppm) Balance
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**Certification Traceable to N.I.S.T. RGM and to CRM Ethanol Standards:**

<b><u>RGM Serial No.</u></b> EB0010587 EB0010570 EB0010286 EB0010581 EB0010881	<b><u>Concentration</u></b> 392.1 ppm 289.8 ppm 200.0 ppm 103.8 ppm 52.12 ppm	<b><u>RGM Serial No.</u></b> EB0010603 EB0010559 EB0010596 EB0010562 EB0010579	<b><u>Concentration</u></b> 393.0 ppm 289.2 ppm 200.3 ppm 104.2 ppm 52.81 ppm
<b><u>CRM Serial No.</u></b> CC434668 CC234503	<b><u>Concentration</u></b> 800.8 ppm 253.0 ppm	<b><u>CRM Serial No.</u></b> 0056649 0056662	<b><u>Concentration</u></b> 390.1 ppm 150.2 ppm

**Analytical Method:** NDIR

Digitally signed by Quality Control  
 Date: 2020.07.22 10:29:46 -05:00  
 Reason: Dry gas standard certification of analyzer  
 Location: Airgas USA LLC (Lab)

Approved for Release:   
 Rod Marsala

**ISO 17025:2005 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

2

**PERMIT**  
**TYPE II**  
**JORDAN PAYNE**

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 DMT**

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 9/14/2021

*Laura E. Way*

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

NUMBER 210211

EXPIRES 9/14/2023

*Donald A. Ramsey*

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

MO 560-0771 (6-10)

LAB-1 (18-10)

 **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 **PAYNE, JORDAN**  
Permit No **210211**  
Date Issued **9/14/2021** Date Expires **9/14/2023**

