



MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES  
STATE PUBLIC HEALTH LABORATORY  
**ALCO-SENSOR IV WITH PRINTER MAINTENANCE REPORT**

**RECEIVED**  
By Tracy Crews at 8:54 am, Mar 28, 2022

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 03/25/2022
LOCATION OF INSTRUMENT (STREET AND CITY) 600 E Walnut St., Columbia		TIME OF INSPECTION 11:02 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 # 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 .103

TEST 2 .103

TEST 3 .102

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	2	(0-.04)	0	(.05-.09)	1	(.10-.14)	0	(.15-.19)	2	(OVER .19)	1
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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).

CHANGED TIME ON 03/19/2022 DUE TO DAYLIGHT SAVINGS TIME.

DONE PER DHSS RULES AND REGULATIONS.

**INSPECTING OFFICER**

SIGNATURE 	PRINT NAME JORDAN 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.

AS IU Serial no: 102457  
Version no: 532B

TEST RECORD 00953

Temp Date Time 210L

Air Blank:  
03/25/22 23:02 .000  
Calibration Check:  
19 03/25/22 23:02 .103

Subject Name

Test

Subject I.D.

Operator Name, I.D.

Jordan Payne 2271  
Location

AS IU Serial no: 102457  
Version no: 532B

TEST RECORD 00954

Temp Date Time 210L

Air Blank:  
03/25/22 23:04 .000  
Calibration Check:  
20 03/25/22 23:04 .103

Subject Name

Test

Subject I.D.

Operator Name, I.D.

Jordan Payne 2271  
Location

AS IU Serial no: 102457  
Version no: 532B

TEST RECORD 00955

Temp Date Time 210L

Air Blank:  
03/25/22 23:06 .000  
Calibration Check:  
21 03/25/22 23:06 .102

Subject Name

Test

Subject I.D.

Operator Name, I.D.

Jordan Payne 2271  
Location

AS IU Serial no: 102457  
Version no: 532B

TEST RECORD 00956

Temp Date Time 210L

VOID: RFI  
12 03/25/22 23:08

Subject Name

RFI

Subject I.D.

Operator Name, I.D.

Jordan Payne 2271  
Location

AS IU Serial no: 102457  
Version no: 532B

TEST RECORD 00957

Temp Date Time 210L

Air Blank:  
03/25/22 23:09 .000  
Calibration Check:  
22 03/25/22 23:09 .000

Subject Name

SELF TEST

Subject I.D.

Jordan Payne 2271  
Operator Name, I.D.

Location



Airgas USA LLC (LAB)  
 6800 Demard Street  
 St. Louis, Mo. 63109  
 PH: (314) 583-0100  
 FAX: (314) 583-7300

**Certificate of Analysis**

**Customer Name**  
**Exclusive Supplier**  
 Inboardmeters, Inc.  
 2061 Craig Road  
 St. Louis, Mo 63140

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

**Lot # AG020401 Model 108caad**

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

<b>RM Serial No.</b>	<b>Concentration</b>	<b>CRM Serial No.</b>	<b>Concentration</b>
RB0010597	302.1 ppm	RB0010603	289.0 ppm
RB0010670	259.8 ppm	RB0010659	288.2 ppm
RB0010286	200.0 ppm	RB0010685	266.9 ppm
RB0010581	103.8 ppm	RB0010632	104.7 ppm
RB0010581	52.12 ppm	RB0010670	82.01 ppm
<b>CRM Serial No.</b>	<b>Concentration</b>	<b>CRM Serial No.</b>	<b>Concentration</b>
GC234009	600.0 ppm	6080660	300.1 ppm
GC234003	253.0 ppm	6080662	180.2 ppm

**Analytical Method:** NDIR

Highly purified by Quality Control  
 Date: 20200722 16:29:49 -0500  
 Reason: The gas showed no deviation of impurity  
 Compliant: Airgas USA LLC (LAB)

Approved for Release:

*Red Marsden*  
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 Red Marsden

ISO 17025:2005 A2LA accredited. Certificate Number 2002.06  
 ISO 17034:2010 A2LA accredited. Certificate Number 2002.07



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

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**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. Wray*

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

NUMBER 210211

*Thomas A. Krumm*

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

EXPIRES 9/14/2023

MO 580-0778 (8-10)

L40-1 (10-10)

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

**INSTRUMENT OPERATOR CARD**

The named operator 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**

