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By Tracy Crews at 8:17 am, Sep 03, 2024



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 119735	NAME OF AGENCY AURORA POLICE DEPARTMENT	DATE OF INSPECTION 08/30/2024
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LOCATION OF INSTRUMENT (STREET AND CITY) 106 S. ELLIOTT AVE. AURORA, MISSOURI, 65605	TIME OF INSPECTION 7:00 am
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**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 # AG316601 \_\_\_\_\_ EXP. DATE 06/15/2025 \_\_\_\_\_
- 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 ← .095	TEST 2 ← .095	TEST 3 ← .095
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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-.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).

**INSPECTING OFFICER**

SIGNATURE 	PRINT NAME Tatum Maples
TYPE II PERMIT NUMBER/EXPIRATION DATE 240192      8/29/2026	TELEPHONE NUMBER (417) 678-5025

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: 119735  
Version no: 532C

TEST RECORD 00034

Temp Date Time g/  
210L  
Air Blank: 08/30/24 07:19 .000  
Calibration Check: 26 08/30/24 07:19 .095

Subject Name

Maint. test #1

Subject I.D.

#1

Operator Name, I.D.

Tatum Maples #240192

Location

Aurora PD exp. 8/29/26

106 S. Elliott Aurora, MO

AS IV Serial no: 119735  
Version no: 532C

TEST RECORD 00035

Temp Date Time g/  
210L  
Air Blank: 08/30/24 07:27 .000  
Calibration Check: 26 08/30/24 07:27 .095

Subject Name

Maint. test #2

Subject I.D.

#2

Operator Name, I.D.

Tatum Maples #240192

Location

Aurora PD exp. 8/29/26

106 S. Elliott Aurora, MO

AS IV Serial no: 119735  
Version no: 532C

TEST RECORD 00036

Temp Date Time g/  
210L  
Air Blank: 08/30/24 07:31 .000  
Calibration Check: 25 08/30/24 07:31 .095

Subject Name

Maint. test #3

Subject I.D.

#3

Operator Name, I.D.

Tatum Maples #240192

Location

Aurora PD exp. 8/29/26

106 S. Elliott Aurora, MO

AS IV Serial no: 119735  
Version no: 532C

TEST RECORD 00037

Temp Date Time g/  
210L  
VOID: RFI  
12 08/30/24 07:35

Subject Name

RFI test

Subject I.D.

RFI

Operator Name, I.D.

Tatum Maples #240192

Location

Aurora PD exp. 8/29/26

106 S. Elliott Aurora, MO



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

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**PERMIT**  
**TYPE II**  
**TATUM MAPLES**

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 EC/IR II**

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 8/29/2024

NUMBER 240192

EXPIRES 8/29/2026

*Mike Maxson*

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

*David J. Nicholson*

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

MO 580-0771 (6-10)

LAB-4 (R6-10)



**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 MAPLES, TATUM  
 Permit No 240192  
 Date Issued 8/29/2024 Date Expires 8/29/2026

