



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

RECEIVED
 By Tracy Crews at 7:26 am, Jun 20, 2024

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 120495	NAME OF AGENCY Taney County Sheriff office	DATE OF INSPECTION 6/19/2024
LOCATION OF INSTRUMENT (STREET AND CITY) 266 Main St Forsyth, Missouri 65653		TIME OF INSPECTION 17:57

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 # **AG407606** EXP. DATE **3/16/2026**

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 **0.101**

TEST 2 **0.101**

TEST 3 **0.100**

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 Mark Shinn
TYPE II PERMIT NUMBER/EXPIRATION DATE 240126 5/29/2026	TELEPHONE NUMBER 417-546-7200

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: 120495
 Version no: 532C
 TEST RECORD 00031
 Temp Date Time 210L
 VOID: RFI
 12 06/19/24 18:07
 Subject Name
 Subject I.D.
 Operator Name, I.D.
 Location

AS IV Serial no: 120495
 Version no: 532C
 TEST RECORD 00029
 Temp Date Time 210L
 Air Blank: 06/19/24 18:02 .000
 Calibration Check: 29 06/19/24 18:02 .101
 Subject Name
 Subject I.D.
 Operator Name, I.D.
 Location

AS IV Serial no: 120495
 Version no: 532C
 TEST RECORD 00030
 Temp Date Time 210L
 Air Blank: 06/19/24 18:04 .000
 Calibration Check: 30 06/19/24 18:04 .100
 Subject Name
 Subject I.D.
 Operator Name, I.D.
 Location

AS IV Serial no: 120495
 Version no: 532C
 TEST RECORD 00025
 Temp Date Time 210L
 Air Blank: 06/19/24 17:57 .000
 Calibration Check: 29 06/19/24 17:57 .101
 Subject Name
 Subject I.D.
 Operator Name, I.D.
 Location



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: 18-Mar-2024

Lot # AG407603 **Model** 108

Exp Date	Cyl. Type	Component	Certified Concentration
16-Mar-2026	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	799.4 ppm	CC727493	389.8 ppm
CC727496	253.4 ppm	CC727498	150.2 ppm

Analytical Method: NDIR

Approved for Release: _____

Yusef Woods

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
MARK SHINN

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 5/29/2024

NUMBER 240126

EXPIRES 5/29/2026

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

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 SHINN, MARK
Permit No 240126
Date Issued 5/29/2024 **Date Expires** 5/29/2026