



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

RECEIVED
 BY: [unclear] DIVISION OF [unclear] DIVISION

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 087965	NAME OF AGENCY Cass County Sheriff's Office	DATE OF INSPECTION 10/02/2024
LOCATION OF INSTRUMENT (STREET AND CITY) 2501 W. Mechanic, Harrisonville, MO		TIME OF INSPECTION 1300

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 # AG305102 EXP. DATE 02/20/2025

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 • .098 TEST 2 • .098 TEST 3 • .098

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

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).

recalibrated and resealed processor

INSPECTING OFFICER

SIGNATURE	PRINT NAME Det. Cpl James Rew #563
TYPE II PERMIT NUMBER/EXPIRATION DATE XXXXXXXXXX 240205 09/06/2026	TELEPHONE NUMBER (816) 380-5200

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



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: 20-Feb-2023

Lot # AG305102 **Model** 108

Exp Date 20-Feb-2025	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
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	800.0 ppm	CC727493	390.0 ppm
CC727496	253.0 ppm	CC727498	150.0 ppm

Analytical Method: NDIR

Digitally signed by:Quality Control
 Reason:Dry gas standard certification of analysis
 Location:Airgas USA LLC (Lab)
 Date:02.20.2023 17:37

Approved for Release: Rod Marsala
 Rod Marsala

ISO 17025:2017 A2LA accredited. Certificate Number 3082.06
 ISO 17034:2016 A2LA accredited. Certificate Number 3082.07

AS IV Serial no: 087965
Version no: 532B

TEST RECORD 00828

Temp	Date	Time	g/210L
Air Blank:	10/02/24	13:33	.000
Calibration Check:	23 10/02/24	13:33	.098

Subject Name
Calibration

Subject I.D.

Operator Name, I.D.

Rev 240205 9/6/26

Location

2501 W. Mechanic

AS IV Serial no: 087955
Version no: 532B

TEST RECORD 00829

Temp	Date	Time	g/210L
Air Blank:	10/02/24	13:35	.000
Calibration Check:	24 10/02/24	13:35	.098

Subject Name
Test 1

Subject I.D.

Operator Name, I.D.

Rev 240205 9/6/26

Location

2501 W. Mechanic

AS IV Serial no: 087965
Version no: 532B

TEST RECORD 00830

Temp	Date	Time	g/210L
Air Blank:	10/02/24	13:37	.000
Calibration Check:	25 10/02/24	13:37	.098

Subject Name
Test 2

Subject I.D.

Operator Name, I.D.

Rev 240205 9/6/26

Location

2501 W. Mechanic

AS IV Serial no: 087965
Version no: 532B

TEST RECORD 00831

Temp	Date	Time	g/210L
Air Blank:	10/02/24	13:39	.000
Calibration Check:	25 10/02/24	13:39	.098

Subject Name
Test 3

Subject I.D.

Operator Name, I.D.

Rev 240205 9/6/26

Location

2501 W. Mechanic

AS IV Serial no: 087965
Version no: 532B

TEST RECORD 00832

Temp	Date	Time	g/210L
VOID: RFI	12 10/02/24	13:41	

Subject Name
Test RFI

Subject I.D.

Operator Name, I.D.

Rev 240205 9/6/26

Location

2501 W. Mechanic

AS IV Serial no: 087965
Version no: 532B

TEST RECORD 00833

Temp	Date	Time	g/210L
Air Blank:	10/02/24	13:42	.000
Subject Test: Auto	26 10/02/24	13:42	.000

Subject Name
Test Blank

Subject I.D.

Operator Name, I.D.

Rev 240205 9/6/26

Location

2501 W. Mechanic



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



PERMIT
TYPE II

JAMES N. REW

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 9/6/2024

NUMBER 240205

EXPIRES 9/6/2026

Adam Hall

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

David J. McCallister

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES