



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 111760	NAME OF AGENCY JOHNSON COUNTY SHERIFF'S OFFICE	DATE OF INSPECTION 09/16/2024
LOCATION OF INSTRUMENT (STREET AND CITY) 278 SOUTH WEST 871 ROAD CENTERVIEW, MISSOURI 64019		TIME OF INSPECTION 9:24 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.

<input checked="" type="checkbox"/> DIGITAL READOUT (ALL ELEMENTS OPERATIONAL)
<input checked="" type="checkbox"/> TEMPERATURE OF ALCO SENSOR (10°C - 40°C)
<input checked="" type="checkbox"/> PRINTER WORKING PROPERLY
<input checked="" type="checkbox"/> TIME AND DATE DISPLAYING PROPERLY

BREATH ALCOHOL ACCURACY STANDARDS

<input type="checkbox"/> SIMULATOR SOLUTION	<input checked="" type="checkbox"/> COMPRESSED ETHANOL-GAS MIXTURE
<input checked="" type="checkbox"/> STANDARD SUPPLIER INTOXIMETERS	LOT# AG310903 EXP. DATE 04/19/2025
<input type="checkbox"/> 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)

<input checked="" type="checkbox"/> 0.100% STANDARD - MUST READ BETWEEN 0.095% and 0.105% INCLUSIVE
<input type="checkbox"/> 0.080% STANDARD - MUST READ BETWEEN 0.076% and 0.084% INCLUSIVE
<input type="checkbox"/> 0.040% STANDARD - MUST READ BETWEEN 0.038% and 0.042% INCLUSIVE

TEST 1 → .097	TEST 2 → .097	TEST 3 → .097
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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 PATRICK W. BOYER
TYPE II PERMIT NUMBER/EXPIRATION DATE 230100 / 05-30-2025	TELEPHONE NUMBER (660) 747-6469

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: 111760
Version no: 532B

TEST RECORD

Temp	Date	Time	g/210L
	09/16/24	09:24	.000
	09/16/24	09:24	.097

Subject Name
TEST #1
Subject I.D.

Operator Name, I.D.
Bayer 230100
Location
JCSO

AS IV Serial no: 111760
Version no: 532B

TEST RECORD 00852

Temp	Date	Time	g/210L
	09/16/24	09:27	.000
	09/16/24	09:27	.097

Subject Name
TEST #2
Subject I.D.

Operator Name, I.D.
Bayer 230100
Location
JCSO

AS IV Serial no: 111760
Version no: 532B

TEST RECORD 00853

Temp	Date	Time	g/210L
	09/16/24	09:28	.000
	09/16/24	09:28	.097

Subject Name
TEST #3
Subject I.D.

Operator Name, I.D.
Bayer 230100
Location
JCSO

AS IV Serial no: 111760
Version no: 532B

TEST RECORD 00854

Temp	Date	Time	g/210L
	09/16/24	09:29	

Subject Name
TEST RFF
Subject I.D.

Operator Name, I.D.
Bayer 230100
Location
JCSO

AS IV Serial no: 111760
Version no: 532B

TEST RECORD 00855

Temp	Date	Time	g/210L
	09/16/24	09:31	.000
	09/16/24	09:31	.000

Subject Name
RIF TEST
Subject I.D.

Operator Name, I.D.
Bayer 230100
Location
JCSO



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



**PERMIT
TYPE II**

PATRICK W. BOYER

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

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 5/30/2023

NUMBER 230100

EXPIRES 5/30/2025

MO 580-0771 (8-10)

Mike Mason

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

Paula J. Nielson

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

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 **BOYER, PATRICK**
Permit No **230100**
Date Issued **5/30/2023** Date Expires **5/30/2025**





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-Apr-2023

Lot # AG310903 **Model** 108

Exp Date 19-Apr-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:04.20.2023 15:24

Approved for Release:

Rod Marsala

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