

## MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES STATE PUBLIC HEALTH LABORATORY

## ALCO-SENSOR IV WITH PRINTER MAINTENANCE REPORT

RECEIVED

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 Departmer	nt of Health and Sen	ior Services; retain origi	nal in department file		L-	
ALCO SENSOR IV SN 030800		NAME OF AGENCY  Jefferson Cou	nty Sheriff's Offi	DATE OF 01/03	INSPECTION /2025	
LOCATION OF INSTRUMENT (400 First St. Hillsbor					INSPECTION	
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 COMPRESSI			ED ETHANOL-GAS MIXTURE			
STANDARD SUPPLIER Intoximeters  LOT # AG305902  EXP. DATE 02/28/2025						
SIMULATOR TEMPERATURE (34°C ± 0.2°C) SIM. SN SIM. NIST EXP DATE						
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 . 102		TEST 3 <b>▼.104</b>		
✓ 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	(004)	(.0509)	(.1014)	(.1519)	(OVER .19)	
List any new parts and c established limits (use of	describe any alterati her side if necessar	on or modification that v	was made to restore	the instrument to opera	te satisfactorily and within	
INSPECTING OFFICER SIGNATURE  TYPE II REMNIT NUMBER/EXPIRATION DATE  230236 10/31/2025				PRINT NAME Zachary Reed #810 TELEPHONE NUMBER		
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: 030800
Version no: 532B

TEST RECORD 00375

Jemp Date Time 210L

Air Blank: 01/03/25 00:31 .000
Calibration Check: 20 01/03/25 00:31 103

Subject Name

Subject I.D.

Operator Name I.D.

Location

AS IV Serial no: 030800
Version no: 532B

TEST RECORD 00378

Temp Date Time 210L

VOID: RFI
12 01/03/25 00:40

Subject Name

Subject I.D.

Operator Name, I.D.

Location

AS IV Serial no: 030800 Version no: 532B

TEST RECORD 00376

Temp Date Time 210L

Air Blank: 01/03/25 00:35 .000 Calibration Check: 22 01/03/25 00:35 .102

Subject Name

Operator Name

AS IV Serial no: 030800
Version no: 532B

TEST RECORD 00377

Temp Date Time 210L

Air Blank: 01/03/25 00:38 .000
Calibration Check: 23 01/03/25 00:38 .104

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: 28-Feb-2023

Lot # AG305902 Model 108

Exp Date 28-Feb-2025

Cyl. Type

Component Ethanol

**Certified Concentration** 

0.100 ± 2% BrAC (272 ppm)

Nitrogen

Certification Traceable to N.I.S.T. RGM and to CRM Ethanol Standards:

RGM Serial No. Concentration EB0010581 391.8 ppm EB0010570 259.8 ppm EB0010285 209.0 ppm EB0010561 103.7 ppm

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RGM Serial No. EB0010603

392.5 ppm 258.9 ppm

Concentration

EB0010559 EB0010562 EB0010579

104.2 ppm 52.94 ppm

EB0010681 52.22 ppm

CRM Serial No.

Concentration

CRM Serial No.

Concentration

CC727481 CC727496

800.0 ppm 253.0 ppm

CC727493 CC727498

390.0 ppm 150.0 ppm

Analytical Method: NDIR

Digitally signed by:Quality Control Reason:Dry gas standard certification of analysis Location:Airgas USA LLC (Lab) Date:03.01.2023 17.25

Approved for Release:

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