



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 100285	NAME OF AGENCY MO Department of Natural Resources	DATE OF INSPECTION 03/11/2024
LOCATION OF INSTRUMENT (STREET AND CITY) 1200 S. Holden St. Warrensburg, MO		TIME OF INSPECTION 9:54 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.

- 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

<input type="checkbox"/> SIMULATOR SOLUTION	<input checked="" type="checkbox"/> COMPRESSED ETHANOL-GAS MIXTURE
<input type="checkbox"/> STANDARD SUPPLIER Intoximeters	LOT # AG309501 EXP. DATE 04/05/2025
<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)
 - 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 • .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).

Replaced mouthpiece spring

INSPECTING OFFICER

SIGNATURE 	PRINT NAME Ryan Schildknecht
TYPE II PERMIT NUMBER/EXPIRATION DATE 230225 10/19/2025	TELEPHONE NUMBER (660) 543-4573

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: 100285
Version no: 532B

TEST RECORD 00192

Temp Date Time 210L

Air Blank:
03/11/24 09:59 .000
Calibration Check:
28 03/11/24 09:59 .097

Subject Name

Cal

Subject I.D.

Operator Name, I.D.

Schildman 230225

Location

MSC

AS IV Serial no: 100285
Version no: 532B

TEST RECORD 00191

Temp Date Time 210L

Air Blank:
03/11/24 09:59 .000
Calibration Check:
28 03/11/24 09:59 .097

Subject Name

Test 1

Subject I.D.

Operator Name, I.D.

Schildman 230225

Location

MSC

AS IV Serial no: 100285
Version no: 532B

TEST RECORD 00191

Temp Date Time 210L

Air Blank:
03/11/24 09:59 .000
Calibration Check:
28 03/11/24 09:59 .097

Subject Name

Test 2

Subject I.D.

Operator Name, I.D.

Schildman 230225

Location

MSC

AS IV Serial no: 100285
Version no: 532B

TEST RECORD 00192

Temp Date Time 210L

Air Blank:
03/11/24 10:02 .000
Calibration Check:
28 03/11/24 10:02 .097

Subject Name

Test 3

Subject I.D.

Operator Name, I.D.

Schildman 230225

Location

MSC

AS IV Serial no: 100285
Version no: 532B

TEST RECORD 00193

Temp Date Time 210L

VOID: RFI
12 03/11/24 10:03

Subject Name

RFI

Subject I.D.

Operator Name, I.D.

Schildman 230225

Location

MSC



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: 5-Apr-2023

Lot # AG309501 **Model** 108

Exp Date 5-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:04.05.2023 17:34

Approved for Release: _____

Rod Marsala

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