



MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES  
STATE PUBLIC HEALTH LABORATORY

**ALCO-SENSOR IV WITH PRINTER MAINTENANCE REPORT**

**RECEIVED**

By Tracy Crews at 8:26 am, Aug 17, 2020

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 107972	PRINTER SN 099.3586.824	DATE OF INSPECTION 08/17/2020
LOCATION OF INSTRUMENT (STREET AND CITY) 2121 E. County Dr, Columbia		TIME OF INSPECTION 4:30 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**

SIMULATOR SOLUTION  COMPRESSED ETHANOL-GAS MIXTURE

STANDARD SUPPLIER Intoximeters LOT # AG928303 EXP. DATE 10/10/2021

SIMULATOR TEMPERATURE (34°C ± 0.2°C) \_\_\_\_\_ SIMULATOR SN \_\_\_\_\_ SIMULATOR 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 .098

TEST 3 .097

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	(0-.04)	0	(.05-.09)	0	(.10-.14)	0	(.15-.19)	0	(OVER .19)	0
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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).

Instrument operating satisfactorily and within established limits.

**INSPECTING OFFICER**

SIGNATURE

PRINT NAME

Steven H. Verble

TYPE II PERMIT NUMBER/EXPIRATION DATE

290102, 05/03/2021

TELEPHONE NUMBER

(573) 875-1111

**Return completed report to the:** Breath Alcohol Program, MO Department of Health and Senior Services, Southeast District Office  
2875 James Boulevard  
Poplar Bluff, MO 63901

AS IV Serial no: 107972  
Version no: 502B

TEST RECORD 00616  
Temp Date Time 210L  
Air Blank: 08/17/76 04:32 .000  
Calibration Check: 23 08/17/76 04:32 .097  
Subject Name

Test 1  
Subject I.D.

Operator Name: I.D.  
Verble, 290102  
Location  
201 E. County Dr  
Columbus

AS IV Serial no: 107972  
Version no: 502B

TEST RECORD 00617  
Temp Date Time 210L  
Air Blank: 08/17/76 04:45 .000  
Calibration Check: 22 08/17/76 04:45 .098  
Subject Name

Test 2  
Subject I.D.

Operator Name: I.D.  
Verble, 290102  
Location  
201 E. County Dr  
Columbus

AS IV Serial no: 107972  
Version no: 502B

TEST RECORD 00618  
Temp Date Time 210L  
Air Blank: 08/17/76 04:51 .000  
Calibration Check: 23 08/17/76 04:51 .097  
Subject Name

Test 3  
Subject I.D.

Operator Name: I.D.  
Verble, 290102  
Location  
201 E. County Dr  
Columbus

AS IV Serial no: 107972  
Version no: 502B

TEST RECORD 00619  
Temp Date Time 210L  
Air Blank: 08/17/76 04:58  
Calibration Check: 23 08/17/76 04:58  
Subject Name

Test 4  
Subject I.D.

Operator Name: I.D.  
Verble, 290102  
Location  
201 E. County Dr  
Columbus



## Certificate of Analysis

Customer Name  
Exclusive Supplier  
Intoximeters, Inc.  
2081 Craig Road  
St. Louis, Mo 63146

Test Date: 11-Oct-2019

Lot # AG928303 Model 108caod

Exp. Date	Cyl. Type	Component	Certified Concentration
10-Oct-2021	108	Ethanol	0.100 ± 2% BtAC (272 ppm)
		Nitrogen	Balance

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

RGM Serial No.	Concentration	RGM Serial No.	Concentration
EB0010581	397.1 ppm	EB0010603	393.0 ppm
EB0010570	259.8 ppm	EB0010559	258.2 ppm
EB0010285	208.0 ppm	EB0010595	208.3 ppm
EB0010561	103.6 ppm	EB0010562	104.2 ppm
EB0010681	52.12 ppm	EB0010579	52.81 ppm
CRM Serial No.	Concentration	CRM Serial No.	Concentration
CC434668	800.0 ppm	0056649	390.1 ppm
CC234503	253.0 ppm	0056662	150.2 ppm

Analytical Method: NDIR

Digitally signed by Quality Control  
Date: 2019.10.11 17:27:17 -0500  
Reason: I am a standard certification of analysis  
Location: Airgas USA LLC (Lab)

Approved for Release: Rod Marsala  
Rod Marsala

ISO 17025:2005 A2LA accredited. Certificate Number 3082.06  
ISO 17034:2016 A2LA accredited. Certificate Number 3082.07

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 5/3/2019  
 NUMBER 290102  
 EXPIRES 5/3/2021  
 MO 880 0711 (6-10)

[Signature]  
 DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

[Signature]  
 DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES  
 L.044, pg. 10)

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

**INSTRUMENT OPERATOR CARD**

The named contributor is authorized to operate an expiratory breath alcohol instrument for the determination of the alcoholic content in breath form of expired air.

Operator: VERBLE, STEVEN  
 License No. 752 Date Expires 5/3/2021  
 Date Issued 5/3/2019