



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 107972	PRINTER SN 099.3586.824	DATE OF INSPECTION 03/02/2020
LOCATION OF INSTRUMENT (STREET AND CITY) 2121 E. County Dr, Columbia		TIME OF INSPECTION 4:27 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 # AG908401 EXP. DATE 03/25/2021

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 .102      TEST 2 .101      TEST 3 .102

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)	1	(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: 532B

TEST RECORD 00581  
s/  
Temp Date Time 210L

Air Blank: 03/02/20 04:28 .000  
Calibration Check: 23 03/02/20 04:28 .102

Subject Name  
Test 1  
Subject I.D.

Operator Name, I.D.  
Verble, 290102  
Location  
2121 E. County Dr  
Columbia

AS IV Serial no: 107972  
Version no: 532B

TEST RECORD 00582  
s/  
Temp Date Time 210L

Air Blank: 03/02/20 04:33 .000  
Calibration Check: 24 03/02/20 04:33 .101

Subject Name  
Test 2  
Subject I.D.

Operator Name, I.D.  
Verble, 290102  
Location  
2121 E. County Dr  
Columbia

AS IV Serial no: 107972  
Version no: 532B

TEST RECORD 00583  
s/  
Temp Date Time 210L

Air Blank: 03/02/20 04:38 .000  
Calibration Check: 25 03/02/20 04:38 .102

Subject Name  
Test 3  
Subject I.D.

Operator Name, I.D.  
Verble, 290102  
Location  
2121 E. County Dr  
Columbia

AS IV Serial no: 107972  
Version no: 532B

TEST RECORD 00584  
s/  
Temp Date Time 210L

VOID: RFI  
12 03/02/20 04:42

Subject Name  
RFI  
Subject I.D.

Operator Name, I.D.  
Verble, 290102  
Location  
2121 E. County Dr  
Columbia



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: 26-Mar-2019

Lot # AG908401 Model 108ccad

Exp. Date	Exp. Type	Component	Certified Concentration
26-Mar-2021	108	Ethanol	0.100 ± 2% BRAC (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	352.1 ppm	EB0010663	393.0 ppm
EB0010570	259.8 ppm	EB0010559	258.2 ppm
EB0010285	208.0 ppm	EB0010586	208.3 ppm
EB0010564	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  
 Reason: I am a signatory 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



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

**PERMIT  
 TYPE II**

**STEVEN H VERBLE**

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 250102  
 EXPIRES 5/3/2021  
 DIRECTOR OF STATE PUBLIC HEALTH LABORATORY  
 DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES  
 LAB-4 (R6-19)

STATE OF MISSOURI  
 DEPARTMENT OF HEALTH AND SENIOR SERVICES  
 BREATH ALCOHOL PROGRAM  
**INSTRUMENT OPERATOR CARD**

This card is provided to the instrument operator to operate an electronic breath analyzer instrument for the determination of the alcoholic content in breath form of exp. of air in Missouri.

Operator: VERBLE, STEVEN  
 Permit No: 250102  
 Date Issued: 5/3/2019  
 Date Expires: 5/3/2021