



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 111744	NAME OF AGENCY BOONE COUNTY SHERIFF'S OFFICE	DATE OF INSPECTION 03/17/2022
LOCATION OF INSTRUMENT (STREET AND CITY) 2111 E. COUNTY DR, COLUMBIA		TIME OF INSPECTION 6:59 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 # AG112301 EXP. DATE 05/03/2023

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  .101	TEST 2  .100	TEST 3  .099
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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	(.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).

Clock updated for Daylight Saving Time. Instrument operating satisfactorily and within established limits.

**INSPECTING OFFICER**

SIGNATURE 	PRINT NAME STEVEN H. VERBLE
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TYPE II PERMIT NUMBER/EXPIRATION DATE 210084, 04/22/2023	TELEPHONE NUMBER (573) 875-1111
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**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: 111744  
Version no: 532B

TEST RECORD 00567 s/  
Temp Date Time 210L

Air Blank: 03/17/22 07:03 .000  
Calibration Check: 21 03/17/22 07:03 .101

Subject Name  
Test 1  
Subject I.D.

Operator Name, I.D.  
Verble, 210084  
Location  
2111 E. County Dr  
Columbia

AS IV Serial no: 111744  
Version no: 532B

TEST RECORD 00568 s/  
Temp Date Time 210L

Air Blank: 03/17/22 07:08 .000  
Calibration Check: 22 03/17/22 07:08 .100

Subject Name  
Test 2  
Subject I.D.

Operator Name, I.D.  
Verble, 210084  
Location  
2111 E. County Dr  
Columbia

AS IV Serial no: 111744  
Version no: 532B

TEST RECORD 00569 s/  
Temp Date Time 210L

Air Blank: 03/17/22 07:12 .000  
Calibration Check: 23 03/17/22 07:12 .099

Subject Name  
Test 3  
Subject I.D.

Operator Name, I.D.  
Verble, 210084  
Location  
2111 E. County Dr  
Columbia

AS IV Serial no: 111744  
Version no: 532B

TEST RECORD 00570 s/  
Temp Date Time 210L

VOID: RFI  
12 03/17/22 07:15

Subject Name  
RFI  
Subject I.D.

Operator Name, I.D.  
Verble, 210084  
Location  
2111 E. County Dr  
Columbia



## Certificate of Analysis

# PERMIT TYPE II

**STEVEN H. VERBLE**

Test Date: 3-May-2021

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

Lot # AG112301 Model 108cadd

Exp. Date 3-May-2023  
Cyl. Type 108  
Component Ethanol  
Nitrogen  
Certified Concentration  
0.100 ± 2% BrAC (272 ppm)  
Balance

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

RGM Serial No.	Concentration	RGM Serial No.	Concentration
EB0010581	392.1 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: 2021.05.04 12:16:54 -0500  
Reason: I am the author of this certification of analysis  
Location: Airgas USA LLC (LAB)

Approved for Release:

*Rod Marsala*  
Rod Marsala

ISO 17025:2017 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 4/22/2021  
NUMBER 210084  
EXPIRES 4/22/2023

*W. S. ...*  
DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

MD 580.0771 (6-10)  
DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES  
LAB-6 (PR-10)

