



MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES  
 STATE PUBLIC HEALTH LABORATORY  
**ALCO-SENSOR IV WITH PRINTER MAINTENANCE REPORT**

**RECEIVED**  
 By Tracy Crews at 8:04 am, Sep 18, 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 111744	PRINTER SN 09B.3589.439	DATE OF INSPECTION 09/18/2020
LOCATION OF INSTRUMENT (STREET AND CITY) 2111 E. County Dr, Columbia		TIME OF INSPECTION 5:20 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 ← .102      TEST 2 ← .101      TEST 3 ← .101

- 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	1	(0-.04)	0	(.05-.09)	0	(.10-.14)	1	(.15-.19)	1	(OVER .19)	1
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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: 111744  
Version no: 532B  
TEST RECORD 00441 s/  
Temp Date Time 210L  
VOID: RFI  
12 09/18/20 05:34  
Subject Name  
RPI  
Subject I.D.

Operator Name, I.D.  
Verble, 290102  
Location  
2111 E. County Dr  
Columbin

AS IV Serial no: 111744  
Version no: 532B  
TEST RECORD 00440 s/  
Temp Date Time 210L  
Air Blank:  
09/18/20 05:30 .000  
Calibration Check:  
22 09/18/20 05:30 .101  
Subject Name  
Test 3  
Subject I.D.

Operator Name, I.D.  
Verble, 290102  
Location  
2111 E. County Dr  
Columbin

AS IV Serial no: 111744  
Version no: 532B  
TEST RECORD 00439 s/  
Temp Date Time 210L  
Air Blank:  
09/18/20 05:25 .000  
Calibration Check:  
22 09/18/20 05:25 .101  
Subject Name  
Test 2  
Subject I.D.

Operator Name, I.D.  
Verble, 290102  
Location  
2111 E. County Dr  
Columbin

AS IV Serial no: 111744  
Version no: 532B  
TEST RECORD 00438 s/  
Temp Date Time 210L  
Air Blank:  
09/18/20 05:21 .000  
Calibration Check:  
21 09/18/20 05:21 .102  
Subject Name  
Test 1  
Subject I.D.

Operator Name, I.D.  
Verble, 290102  
Location  
2111 E. County Dr  
Columbin

## Certificate of Analysis

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

Test Date: 11-Oct-2019

Lot # AG928303 Model 108cacd

Exp. Date	Cvl. Type	Component	Certified Concentration
10-Oct-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	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: 2019.10.11 17:27:37 -0500  
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 290102

EXPIRES 5/3/2021

MO 580-3271 (6-10)

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES  
LAB-4 (RE-10)

