



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

RECEIVED
 By Tracy Crews at 8:21 am, Jun 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 111744	PRINTER SN 09B.3589.439	DATE OF INSPECTION 06/17/2020
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 .102	TEST 2 .101	TEST 3 .101
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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)	1	(.05-.09)	0	(.10-.14)	1	(.15-.19)	2	(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 00419
Temp Date Time 210L
Air Blank: 06/17/20 04:30 .000
Calibration Check: 20 06/17/20 04:30 .102

Subject Name
Test 1
Subject I.D.

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

AS IV Serial no: 111744
Version no: 532B

TEST RECORD 00420
Temp Date Time 210L
Air Blank: 06/17/20 04:34 .000
Calibration Check: 21 06/17/20 04:34 .101

Subject Name
Test 2
Subject I.D.

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

AS IV Serial no: 111744
Version no: 532B

TEST RECORD 00421
Temp Date Time 210L
Air Blank: 06/17/20 04:39 .000
Calibration Check: 22 06/17/20 04:39 .101

Subject Name
Test 3
Subject I.D.

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

AS IV Serial no: 111744
Version no: 532B

TEST RECORD 00422
Temp Date Time 210L
UOID: RFI
12 06/17/20 04:42

Subject Name
RFI
Subject I.D.

Operator Name, I.D.
Verble, 290102
Location
2121 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 108cadc

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	EB0010585	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

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 SEN 0771 (6-10)

[Signature]
DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

[Signature]
DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES
L06-4 (06-10)

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

INSTRUMENT OPERATOR CARD

The narrow cardholder is authorized to operate an evidential breath alcohol in Missouri for the determination of the alcoholic content in breath form of expired air.

Operator: VERBLE, STEVEN
Permit No: 290102
Date Issued: 5/3/2019
Date Expires: 5/3/2021