



MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES
STATE PUBLIC HEALTH LABORATORY

ALCO-SENSOR IV WITH PRINTER MAINTENANCE REPORT

RECEIVED

By Tracy Crews at 8:27 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 111751	PRINTER SN 09B.3589.476	DATE OF INSPECTION 08/17/2020
LOCATION OF INSTRUMENT (STREET AND CITY) 2121 E. County Dr, Columbia		TIME OF INSPECTION 3:40 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 .099

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)	4	(.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: 111751
Version no: 5028

TEST RECORD 00000

Temp. Date Time 2:00
5/17/78 10:44 .000

Air Blank
19 06/07/78 20:14 .055

Collimating Check
19 06/07/78 20:14 .055

Subject Name
RFI

Operator Name, I.D.
Verble, 290102

Location
2121 E. County Dr
Columbia

AS IV Serial no: 111751
Version no: 5028

TEST RECORD 00000

Temp. Date Time 2:00
5/17/78 10:44 .000

Air Blank
19 06/07/78 20:14 .055

Collimating Check
19 06/07/78 20:14 .055

Subject Name
Test 3

Operator Name, I.D.
Verble, 290102

Location
2121 E. County Dr
Columbia

AS IV Serial no: 111751
Version no: 5028

TEST RECORD 00000

Temp. Date Time 2:00
5/17/78 10:44 .000

Air Blank
19 06/07/78 20:14 .055

Collimating Check
19 06/07/78 20:14 .055

Subject Name
Test 2

Operator Name, I.D.
Verble, 290102

Location
2121 E. County Dr
Columbia

AS IV Serial no: 111751
Version no: 5028

TEST RECORD 00000

Temp. Date Time 2:00
5/17/78 10:44 .000

Air Blank
19 06/07/78 20:14 .055

Collimating Check
19 06/07/78 20:14 .055

Subject Name
Test 1

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
Infotimers, Inc.
2081 Craig Road
St. Louis, Mo 63146

Test Date: 11-Oct-2019

Lot # AG928303 Model 108cacd

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
EB0010561	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
EB0010881	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

Checked by: D. Smith
Date: 2019 10 11 07:27:05 PM
Reason: Dry gas 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



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 0713 16 42

W. A. W. S.
DIRECTOR OF STATE PUBLIC HEALTH LABORATORY
S. H. Verble
DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES
LAB- (PIS-50)

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

INSTRUMENT OPERATOR CARD

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

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