



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	NAME OF AGENCY BOONE COUNTY SHERIFF'S OFFICE	DATE OF INSPECTION 02/10/2022
LOCATION OF INSTRUMENT (STREET AND CITY) 2111 E. COUNTY DR, COLUMBIA		TIME OF INSPECTION 7:34 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 .101	TEST 3 .100
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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).

INSTRUMENT OPERATING SATISFACTORILY AND WITHIN ESTABLISHED LIMITS.

INSPECTING OFFICER

SIGNATURE 	PRINT NAME STEVEN H. VERBLE
TYPE II PERMIT NUMBER/EXPIRATION DATE 210084, 04/22/2023	TELEPHONE NUMBER (573) 875-1111

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: 107972
Version no: 502B
TEST RECORD 00756
Temp Date Time 210L
Air Blank 02/10/22 07:42 .000
Calibration Check 23 02/10/22 07:42 100
WQID: RFI
12 02/10/22 07:52
Subject Name
RFI
Subject I.D.
Operator Name: I.D.
Verble, 210084
Location
2111 E. County Dr
Columbin

AS IV Serial no: 107972
Version no: 502B
TEST RECORD 00755
Temp Date Time 210L
Air Blank 02/10/22 07:42 .000
Calibration Check 23 02/10/22 07:42 100
Subject Name
Test 3
Subject I.D.
Operator Name: I.D.
Verble, 210084
Location
2111 E. County Dr
Columbin

AS IV Serial no: 107972
Version no: 502B
TEST RECORD 00754
Temp Date Time 210L
Air Blank 02/10/22 07:39 .000
Calibration Check 22 02/10/22 07:39 .101
Subject Name
Test 2
Subject I.D.
Operator Name: I.D.
Verble, 210084
Location
2111 E. County Dr
Columbin

AS IV Serial no: 107972
Version no: 502B
TEST RECORD 00753
Temp Date Time 210L
Air Blank 02/10/22 07:35 .000
Calibration Check 21 02/10/22 07:35 .101
Subject Name
Test 1
Subject I.D.
Operator Name: I.D.
Verble, 210084
Location
2111 E. County Dr
Columbin



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: 3-May-2021

Lot # AG112301 Model 108caod

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:

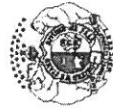
RGM Serial No.	Concentration	RGM Serial No.	Concentration
EB0010581	392.1 ppm	EB0010603	393.0 ppm
EB0010570	259.8 ppm	EB0010559	258.2 ppm
EB0010285	208.0 ppm	EB0010595	208.3 ppm
EB0010561	103.6 ppm	EB0010562	104.2 ppm
EB0010681	52.12 ppm	EB0010579	52.81 ppm
CRM Serial No.	Concentration	CRM Serial No.	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
 Reason: My gas standard 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



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 506.111 through 506.119 RSMo.

DATE 4/22/2021
 NUMBER 210084
 EXPIRES 4/22/2023
 MO 885-0711 (6-10)
 DIRECTOR OF STATE PUBLIC HEALTH LABORATORY
 DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES
 LAP-4 (PR 13)

