



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

RECEIVED
 By Tracy Crews at 8:16 am, May 15, 2023

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 108390	NAME OF AGENCY LAWRENCE COUNTY SHERIFF'S OFFICE	DATE OF INSPECTION 05/11/2023
LOCATION OF INSTRUMENT (STREET AND CITY) 240 N. MAIN ST - MT. VERNON, MO 65712		TIME OF INSPECTION 1:03 pm

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 # AG215102 EXP. DATE 05/31/2024
- 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 → .096	TEST 2 → .096	TEST 3 → .097
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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-.04)	(.05-.09)	(.10-.14)	(.15-.19)	(OVER .19)
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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 accuracy check exceeded spread on test # 2. Instrument was calibrated and re-tested. Instrument again exceeded spread on test # 2 (Too low). Instrument was cleaned with dry cotton swabs and compressed air, calibrated, tested again and passed all testing.

INSPECTING OFFICER	
SIGNATURE 	PRINT NAME RYAN DEVOST
TYPE II PERMIT NUMBER/EXPIRATION DATE 210079 - 04/20/2023	TELEPHONE NUMBER (417) 466-2131

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: 108390
Version no: 532B

TEST RECORD 00593

Temp Date Time ^{9/} 210L

Air Blank:
05/11/23 13:03 .000
Calibration Check:
21 05/11/23 13:03 .101

Subject Name

TEST #1

Subject I.D.

Operator Name, I.D.

Location

Ray Dent

AS IV Serial no: 108390
Version no: 532B

TEST RECORD 00594

Temp Date Time ^{9/} 210L

Air Blank:
05/11/23 13:05 .000
Calibration Check:
21 05/11/23 13:05 .105

Subject Name

TEST #2 - FAIL

Subject I.D.

Operator Name, I.D.

Location

Ray Dent

AS IV Serial no: 108390
Version no: 532B

TEST RECORD 00595

Temp Date Time ^{9/} 210L

Air Blank:
05/11/23 13:09 .000
Calibration:
23 05/11/23 13:09 .096

Subject Name

CALIBRATION

Subject I.D.

Operator Name, I.D.

Location

Ray Dent

AS IV Serial no: 108390
Version no: 532B

TEST RECORD 00596

Temp Date Time ^{9/} 210L

Air Blank:
05/11/23 13:11 .000
Calibration Check:
24 05/11/23 13:11 .096

Subject Name

TEST #1

Subject I.D.

Operator Name, I.D.

Location

Ray Dent

AS IV Serial no: 108390
Version no: 532B

TEST RECORD 00597

Temp Date Time ^{9/} 210L

Air Blank:
05/11/23 13:14 .000
Calibration Check:
24 05/11/23 13:14 .093

Subject Name

TEST #2 - FAIL

Subject I.D.

Operator Name, I.D.

Location

Ray Dent

AS IV Serial no: 108390
Version no: 532B

TEST RECORD 00598

Temp Date Time ^{9/} 210L

Air Blank:
05/11/23 13:16 .000
Calibration Check:
25 05/11/23 13:16 .093

Subject Name

TEST #3 FAIL

Subject I.D.

Operator Name, I.D.

Location

Ray Dent

AS IV Serial no: 108390
Version no: 532B

TEST RECORD 00599

Temp Date Time ^{g/} 210L

Air Blank:
05/11/23 13:18 .000
Calibration Check:
25 05/11/23 13:18 .096

Subject Name
CALIBRATION
Subject I.D.

Operator Name, I.D.

Location

Ray Dent

AS IV Serial no: 108390
Version no: 532B

TEST RECORD 00600

Temp Date Time ^{g/} 210L

Air Blank:
05/11/23 13:20 .000
Calibration Check:
26 05/11/23 13:20 .096

Subject Name
TEST #1
Subject I.D.

Operator Name, I.D.

Location

Ray Dent

AS IV Serial no: 108390
Version no: 532B

TEST RECORD 00601

Temp Date Time ^{g/} 210L

Air Blank:
05/11/23 13:23 .000
Calibration Check:
26 05/11/23 13:23 .096

Subject Name
TEST #2
Subject I.D.

Operator Name, I.D.

Location

Ray Dent

AS IV Serial no: 108390
Version no: 532B

TEST RECORD 00602

Temp Date Time ^{g/} 210L

Air Blank:
05/11/23 13:24 .000
Calibration Check:
27 05/11/23 13:24 .000

Subject Name
SOBER Sample
Subject I.D.

Operator Name, I.D.

Location

Ray Dent

AS IV Serial no: 108390
Version no: 532B

TEST RECORD 00603

Temp Date Time ^{g/} 210L

VOID: RFI
12 05/11/23 13:26

Subject Name
RFI TEST
Subject I.D.

Operator Name, I.D.

Location

Ray Dent

AS IV Serial no: 108390
Version no: 532B

TEST RECORD 00604

Temp Date Time ^{g/} 210L

Air Blank:
05/11/23 14:39 .000
Calibration Check:
23 05/11/23 14:39 .097

Subject Name
TEST #3
Subject I.D.

Operator Name, I.D.

Location

Ray Dent



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: 1-Jun-2022

Lot # AG215102 **Model** 108

Exp Date 31-May-2024	Cyl. Type 108	Component Ethanol Nitrogen	Certified Concentration 0.100 ± 2% BrAC (272 ppm)
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Certification Traceable to N.I.S.T. RGM and to CRM Ethanol Standards:

RGM Serial No.	Concentration	RGM Serial No.	Concentration
EB0010581	391.8 ppm	EB0010603	392.5 ppm
EB0010570	259.8 ppm	EB0010559	258.9 ppm
EB0010285	209.0 ppm	EB0010562	104.2 ppm
EB0010561	103.7 ppm	EB0010579	52.94 ppm
EB0010681	52.22 ppm		

CRM Serial No.	Concentration	CRM Serial No.	Concentration
CC727481	800.0 ppm	CC727493	390.0 ppm
CC727496	253.0 ppm	CC727498	150.0 ppm

Analytical Method: NDIR

Digitally signed by:Quality Control
 Reason:Dry gas standard certification of analysis
 Location:Airgas USA LLC (Lab)
 Date:06.02.2022 17:18

Approved for Release: _____

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

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PERMIT
TYPE II
RYAN DEVOST

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

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 4/7/2023

Mike Massum

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

NUMBER 230066

David F. Nielsen

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

EXPIRES 4/7/2025

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

INSTRUMENT OPERATOR CARD

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

Operator DEVOST, RYAN
 Permit No 230066
 Date Issued 4/7/2023 Date Expires 4/7/2025

