



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

RECEIVED
 By Tracy Crews at 3:51 pm, Aug 09, 2022

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 08/05/2022
LOCATION OF INSTRUMENT (STREET AND CITY) 240 N. MAIN ST - MT. VERNON, MO 65712		TIME OF INSPECTION 2:06 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

<input type="checkbox"/> SIMULATOR SOLUTION	<input checked="" type="checkbox"/> COMPRESSED ETHANOL-GAS MIXTURE
<input checked="" type="checkbox"/> STANDARD SUPPLIER <u>INTOXIMETERS</u>	LOT # <u>AG027903</u> EXP. DATE <u>10/05/2022</u>
<input type="checkbox"/> 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).
 Initial test during regularly scheduled monthly maintenance produced a result of .094%; below the required minimum standard of .095% Instrument was calibrated back to .096%; the correct result based on elevation allowance. The three calibration check tests that followed each produced results within range.

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 00510

Temp Date Time 21OL ^{9/}

Air Blank: 08/05/22 14:06 .000

Calibration Check: 24 08/05/22 14:06 .096

Subject Name

CALIBRATION

Subject I.D.

Operator Name, I.D.

Location

Py Dent

AS IV Serial no: 108390
Version no: 532B

TEST RECORD 00511

Temp Date Time 21OL ^{9/}

Air Blank: 08/05/22 14:08 .000

Calibration Check: 24 08/05/22 14:08 .096

Subject Name

TEST # 1

Subject I.D.

Operator Name, I.D.

Location

Py Dent

AS IV Serial no: 108390
Version no: 532B

TEST RECORD 00512

Temp Date Time 21OL ^{9/}

Air Blank: 08/05/22 14:09 .000

Calibration Check: 24 08/05/22 14:09 .096

Subject Name

TEST # 2

Subject I.D.

Operator Name, I.D.

Location

Py Dent

AS IV Serial no: 108390
Version no: 532B

TEST RECORD 00513

Temp Date Time 21OL ^{9/}

Air Blank: 08/05/22 14:11 .000

Calibration Check: 25 08/05/22 14:11 .097

Subject Name

TEST # 3

Subject I.D.

Operator Name, I.D.

Location

Py Dent

AS IV Serial no: 108390
Version no: 532B

TEST RECORD 00514

Temp Date Time 21OL ^{9/}

VOID: RFI 12 08/05/22 14:13

Subject Name

RFI TEST

Subject I.D.

Operator Name, I.D.

Location

Py Dent

AS IV Serial no: 108390
Version no: 532B

TEST RECORD 00515

Temp Date Time 21OL ^{9/}

Air Blank: 08/05/22 14:15 .000

Calibration Check: 25 08/05/22 14:15 .000

Subject Name

SOBER Sample

Subject I.D.

Operator Name, I.D.

Location

Py Dent



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 111669	NAME OF AGENCY LAWRENCE COUNTY SHERIFF'S OFFICE	DATE OF INSPECTION 08/05/2022
LOCATION OF INSTRUMENT (STREET AND CITY) 240 N. MAIN ST - MT. VERNON, MO 65712		TIME OF INSPECTION 1:27 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 # AG027403 EXP. DATE 10/05/2022

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 .100

TEST 2 .098

TEST 3 .098

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).

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: 111669
Version no: 532B

TEST RECORD 00124

Temp Date Time ^{a/} 210L

Air Blank:
08/05/22 13:27 .000
Calibration Check:
20 08/05/22 13:27 .100

Subject Name

TEST #1

Subject I.D.

Operator Name, I.D.

Location

[Signature]

AS IV Serial no: 111669
Version no: 532B

TEST RECORD 00125

Temp Date Time ^{a/} 210L

Air Blank:
08/05/22 13:28 .000
Calibration Check:
21 08/05/22 13:28 .098

Subject Name

TEST #2

Subject I.D.

Operator Name, I.D.

Location

[Signature]

AS IV Serial no: 111669
Version no: 532B

TEST RECORD 00126

Temp Date Time ^{a/} 210L

Air Blank:
08/05/22 13:30 .000
Calibration Check:
22 08/05/22 13:30 .098

Subject Name

TEST #3

Subject I.D.

Operator Name, I.D.

Location

[Signature]

AS IV Serial no: 111669
Version no: 532B

TEST RECORD 00127

Temp Date Time ^{a/} 210L

VOID: RFI
12 08/05/22 13:33

Subject Name

RFI TEST

Subject I.D.

Operator Name, I.D.

Location

[Signature]

AS IV Serial no: 111669
Version no: 532B

TEST RECORD 00128

Temp Date Time ^{a/} 210L

Air Blank:
08/05/22 13:34 .000
Calibration Check:
23 08/05/22 13:34 .000

Subject Name

SOBER Sample

Subject I.D.

Operator Name, I.D.

Location

[Signature]



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



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, INTOX EC/IR II

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 4/20/2021

NUMBER 210079

EXPIRES 4/20/2023

MO 680-0771 (6-10)

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

LAB-4 (R6-10)

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 210079
 Date Issued 4/20/2021 Date Expires 4/20/2023



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: 6-Oct-2020

Lot # AG027903 Model 55cacd

Exp. Date	Cyl. Type	Component	Certified Concentration
5-Oct-2022	55	Ethanol Nitrogen	0,100 ± 2% BrAC (272 ppm) Balance

Certification Traceable to N.I.S.T. RGM and to CRM Ethanol Standards:

<u>RGM Serial No.</u>	<u>Concentration</u>	<u>RGM Serial No.</u>	<u>Concentration</u>
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
<u>CRM Serial No.</u>	<u>Concentration</u>	<u>CRM Serial No.</u>	<u>Concentration</u>
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: 2020.10.07 16:09:30 -05:00
 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