



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

**RECEIVED**  
By Tracy Crews at 1:24 pm, Sep 04, 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 <b>111739</b>	NAME OF AGENCY <b>Bates City</b>	DATE OF INSPECTION <b>08/11/2020</b>
LOCATION OF INSTRUMENT (STREET AND CITY) <b>203 N 2nd St, Bates City</b>		TIME OF INSPECTION <b>7:48 pm</b>

**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>AG003702</u> EXP. DATE <u>02/06/2022</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 ← <b>.098</b>	TEST 2 ← <b>.099</b>	TEST 3 ← <b>.098</b>
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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 <b>0</b>	(0-.04) <b>0</b>	(.05-.09) <b>0</b>	(.10-.14) <b>0</b>	(.15-.19) <b>0</b>	(OVER .19) <b>0</b>
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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).

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<b>INSPECTING OFFICER</b>	
SIGNATURE <i>Virginia DeBoard</i>	PRINT NAME <b>Virginia DeBoard</b>
TYPE II PERMIT NUMBER/EXPIRATION DATE <b>290037 02/20/2021</b>	TELEPHONE NUMBER <b>( 816 ) 690-7515</b>

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: 111739  
Version no: 532B

TEST RECORD 00319

Temp Date Time <sup>s/</sup> 210L

VOID: RFI  
12 08/11/20 19:48

Subject Name

Subject I.D.

Virginia DeBoard 984

Operator Name, I.D.

205 N 2nd St

Location

Bates City Mo

AS IV Serial no: 111739  
Version no: 532B

TEST RECORD 00321

Temp Date Time <sup>s/</sup> 210L

Air Blank:  
08/11/20 19:51 .000  
Subject Test: Man  
28 08/11/20 19:51 .099

Subject Name

Subject I.D.

Virginia DeBoard 984

Operator Name, I.D.

203 N 2nd St

Location

Bates City Mo

AS IV Serial no: 111739  
Version no: 532B

TEST RECORD 00320

Temp Date Time <sup>s/</sup> 210L

Air Blank:  
08/11/20 19:50 .000  
Subject Test: Man  
27 08/11/20 19:50 .098

Subject Name

Subject I.D.

Operator Name, I.D.

Virginia DeBoard 984

Location

203 N 2nd St

Bates City Mo

AS IV Serial no: 111739  
Version no: 532B

TEST RECORD 00322

Temp Date Time <sup>s/</sup> 210L

Air Blank:  
08/11/20 19:52 .000  
Subject Test: Man  
28 08/11/20 19:52 .098

Subject Name

Subject I.D.

Operator Name, I.D.

Virginia DeBoard 984

Location

203 N 2nd St

Bates City Mo



Airgas USA LLC (LAB)  
3500 Bernard Street  
St. Louis, Mo. 63103  
Ph: (314) 533-3100  
Fax: (314) 533-7328

# Certificate of Analysis

Test Date: 7-Feb-2020

Customer Name  
Exclusive Supplier  
Intoximeters, Inc.  
2081 Craig Road  
St. Louis, Mo 63146

Lot # AG003702 Model 108caccd

<u>Exp. Date</u> 6-Feb-2022	<u>Cyl. Type</u> 108	<u>Component</u> Ethanol Nitrogen	<u>Certified Concentration</u> 0.100 ± 2% BrAC (272 ppm) Balance
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Certification Traceable to N.I.S.T. RGM and to CRM Ethanol Standards:

<u>RGM Serial No.</u>	<u>Concentration</u>
EB0010581	392.1 ppm
EB0010570	259.8 ppm
EB0010285	208.0 ppm
EB0010561	103.6 ppm
EB0010681	52.12 ppm

<u>RGM Serial No.</u>	<u>Concentration</u>
EB0010603	393.0 ppm
EB0010559	258.2 ppm
EB0010595	208.3 ppm
EB0010562	104.2 ppm
EB0010579	52.81 ppm

<u>CRM Serial No.</u>	<u>Concentration</u>
CC434668	800.0 ppm
CC234503	253.0 ppm

<u>CRM Serial No.</u>	<u>Concentration</u>
0056649	390.1 ppm
0056662	150.2 ppm

Analytical Method: NDIR

Digitally signed by Quality Control  
Date: 2020.02.11 10:59:22 -06:00  
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



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

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PERMIT  
TYPE II

VIRGINIA DEBOARD

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 2/20/2019

NUMBER 290037

EXPIRES 2/20/2021

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

MO 580-0771 (6-10)

LAB-4 (RS-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 DEBOARD, VIRGINIA  
Permit No 290037  
Date Issued 2/20/2019 Date Expires 2/20/2021