



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 108393	NAME OF AGENCY St. Louis County Police Department	DATE OF INSPECTION 04/15/2021
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LOCATION OF INSTRUMENT (STREET AND CITY) 14301 South Outer 40 Rd, Chesterfield	TIME OF INSPECTION 1:03 pm
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**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 # AG015503 EXP. DATE 06/03/2022

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 $\bullet$ .104	TEST 2 $\bullet$ .104	TEST 3 $\bullet$ .103
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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).

**INSPECTING OFFICER**

SIGNATURE <i>PO Neuman #3072</i>	PRINT NAME PO NEUMAN, DSN 3072
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TYPE II PERMIT NUMBER/EXPIRATION DATE 210074 04/06/2023	TELEPHONE NUMBER (636) 529-8210
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**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: 108393  
Version no: 532B

TEST RECORD 00599

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

Air Blank:  
04/15/21 13:05 .000  
Calibration Check:  
15 04/15/21 13:05 .104

Subject Name

Test #1

Subject I.D.

N/A

Operator Name, I.D. #

PO Newman 3072

Location

MODOT TMC

AS IV Serial no: 108393  
Version no: 532B

TEST RECORD 00600

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

Air Blank:  
04/15/21 13:07 .000  
Calibration Check:  
17 04/15/21 13:07 .104

Subject Name

Test #2

Subject I.D.

N/A

Operator Name, I.D.

PO Newman #3072

Location

MODOT TMC

AS IV Serial no: 108393  
Version no: 532B

TEST RECORD 00601

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

Air Blank:  
04/15/21 13:09 .000  
Calibration Check:  
19 04/15/21 13:09 .103

Subject Name

Test #3

Subject I.D.

N/A

Operator Name, I.D.

PO Newman 3072

Location

MODOT TMC

AS IV Serial no: 108393  
Version no: 532B

TEST RECORD 00602

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

VOID: RFI  
12 04/15/21 13:11

Subject Name

RFI

Subject I.D.

N/A

Operator Name, I.D.

PO Newman #3072

Location

MODOT TMC



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:** 8-Jun-2020

**Lot # AG015503 Model 108caccd**

<b>Exp. Date</b> 3-Jun-2022	<b>Cyl. Type</b> 108	<b>Component</b> Ethanol Nitrogen	<b>Certified Concentration</b> 0.100 ± 2% BrAC (272 ppm) Balance
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Certification Traceable to N.I.S.T. RGM and to CRM Ethanol Standards:

<table border="0"> <tr> <th><u>RGM Serial No.</u></th> <th><u>Concentration</u></th> </tr> <tr> <td>EB0010581</td> <td>392.1 ppm</td> </tr> <tr> <td>EB0010570</td> <td>259.8 ppm</td> </tr> <tr> <td>EB0010285</td> <td>208.0 ppm</td> </tr> <tr> <td>EB0010561</td> <td>103.6 ppm</td> </tr> <tr> <td>EB0010681</td> <td>52.12 ppm</td> </tr> </table>	<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	<table border="0"> <tr> <th><u>RGM Serial No.</u></th> <th><u>Concentration</u></th> </tr> <tr> <td>EB0010603</td> <td>393.0 ppm</td> </tr> <tr> <td>EB0010559</td> <td>258.2 ppm</td> </tr> <tr> <td>EB0010595</td> <td>208.3 ppm</td> </tr> <tr> <td>EB0010562</td> <td>104.2 ppm</td> </tr> <tr> <td>EB0010579</td> <td>52.81 ppm</td> </tr> </table>	<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
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**Analytical Method:** NDIR

Digitally signed by Quality Control  
 Date: 2020.06.10 14:11:39 -05:00  
 Reason: Dry gas standard certification of analysis  
 Location: Airgas USA LLC (Lab)

Approved for Release:   
 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

2

**PERMIT  
 TYPE II**

**DAWN M. NEUMAN**

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**

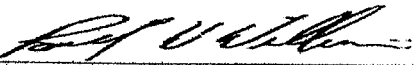
for the determination of the alcoholic content of blood from a sample of expired air. Permit issued under the provisions of sections 577.020 through 577.041, RSMo and 306.111 through 306.119 RSMo.

DATE 4/6/2021

  
 DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

NUMBER 210074

EXPIRES 4/6/2023

  
 DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES