



**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 097425	NAME OF AGENCY St. Louis County Police Department	DATE OF INSPECTION 07/09/2021
LOCATION OF INSTRUMENT (STREET AND CITY) 14301 South Outer 40 Rd, Chesterfield		TIME OF INSPECTION 8:03 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 # 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 • .098	TEST 2 • .098	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	(0-.04)	0	(.05-.09)	0	(.10-.14)	1	(.15-.19)	1	(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>[Signature]</i> #3072	PRINT NAME PO NEUMAN, DSN 3072
TYPE II PERMIT NUMBER/EXPIRATION DATE 210074 04/06/2023	TELEPHONE NUMBER (636) 529-8210

**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: 097425  
Version no: 532B

TEST RECORD 00493

Temp	Date	Time	s/	210L
Air Blank:				
	07/09/21	08:03	.000	
Calibration Check:				
	22 07/09/21	08:03	.098	

Subject Name  
*Test #1*  
Subject I.D.  
*N/A*  
Operator Name, I.D.  
*PO D Newman #3072*  
Location  
*MODOT TMC*

AS IV Serial no: 097425  
Version no: 532B

TEST RECORD 00494

Temp	Date	Time	s/	210L
Air Blank:				
	07/09/21	08:06	.000	
Calibration Check:				
	23 07/09/21	08:06	.098	

Subject Name  
*Test #2*  
Subject I.D.  
*N/A*  
Operator Name, I.D.  
*PO D. Newman #3072*  
Location  
*MODOT TMC*

AS IV Serial no: 097425  
Version no: 532B

TEST RECORD 00495

Temp	Date	Time	s/	210L
Air Blank:				
	07/09/21	08:08	.000	
Calibration Check:				
	24 07/09/21	08:08	.097	

Subject Name  
*Test #3*  
Subject I.D.  
*N/A*  
Operator Name, I.D.  
*PO D. Newman #3072*  
Location  
*MODOT TMC*

AS IV Serial no: 097425  
Version no: 532B

TEST RECORD 00496

Temp	Date	Time	s/	210L
VOID: RFI				
	12 07/09/21	08:10		

Subject Name  
*RFI!*  
Subject I.D.  
*N/A*  
Operator Name, I.D.  
*PO D. 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

**Exp. Date**

3-Jun-2022

**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:

<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: 2020.06.10 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

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**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**

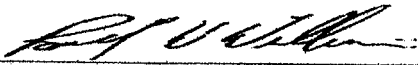
for the determination of the alcoholic content of blood from a sample of expired air. Permit issued under the provisions of sections 577.020 through 577.041, RSMo and 306.111 through 306.119 RSMo.

DATE 4/6/2021

  
 DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

NUMBER 210074

EXPIRES 4/6/2023

  
 DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES