



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

**RECEIVED**  
 By Tracy Crews at 9:49 am, Jan 18, 2021

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 111629	NAME OF AGENCY University of Missouri Police Department	DATE OF INSPECTION 01/15/2021
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LOCATION OF INSTRUMENT (STREET AND CITY) 901 Virginia Avenue Columbia MO 65211	TIME OF INSPECTION 2:31 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**

<input type="checkbox"/> SIMULATOR SOLUTION	<input checked="" type="checkbox"/> COMPRESSED ETHANOL-GAS MIXTURE
<input checked="" type="checkbox"/> STANDARD SUPPLIER <u>Intoximeters</u>	LOT # <u>AG021102</u> EXP. DATE <u>07/29/2022</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  .081	TEST 2  .081	TEST 3  .080
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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)	1	(.05-.09)	2	(.10-.14)	3	(.15-.19)	1	(OVER .19)	1
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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 Eric Moss
TYPE II PERMIT NUMBER/EXPIRATION DATE 200215 07/23/2022	TELEPHONE NUMBER (573) 882-7201

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: 111629  
Version no: 532B

TEST RECORD 00890

Temp Date Time 210L

Calibration check:  
12 01/15/21 14:31 .001

Subject Name

Cal check lot 3 OK

Subject I.D.

E Moss MUPD #37

Operator Name, I.D.

200215 7/23/22

Location

MUPD

AS IV Serial no: 111629  
Version no: 532B

TEST RECORD 00891

Temp Date Time 210L

Air Blank:  
01/15/21 14:33 .000  
Calibration Check:  
17 01/15/21 14:33 .001

Subject Name

Cal check lot 3 OK

Subject I.D.

Eric Moss MUPD #37

Operator Name, I.D.

200215 7/23/22

Location

MUPD

AS IV Serial no: 111629  
Version no: 532B

TEST RECORD 00892

Temp Date Time 210L

Air Blank:  
01/15/21 14:41 .000  
Calibration Check:  
19 01/15/21 14:41 .000

Subject Name

Cal check lot 3 OK

Subject I.D.

Eric Moss MUPD #37

Operator Name, I.D.

200215 7/23/22

Location

MUPD

AS IV Serial no: 111629  
Version no: 532B

TEST RECORD 00893

Temp Date Time 210L

VOID: RFI  
12 01/15/21 14:43

Subject Name

RFI test OK

Subject I.D.

Eric Moss MUPD #37

Operator Name, I.D.

200215 7/23/22

Location

MUPD

AS IV Serial no: 111629  
Version no: 532B

TEST RECORD 00894

Temp Date Time 210L

Air Blank:  
01/15/21 14:44 .000  
Subject Test: Auto  
19 01/15/21 14:44 .000

Subject Name

Blank test OK

Subject I.D.

Eric Moss MUPD #37

Operator Name, I.D.

200215 7/23/22

Location

MUPD



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:** 4-Aug-2020

**Lot #** AG021102 **Model** 108cacc

**Exp. Date**

29-Jul-2022

**Cyl. Type**

108

**Component**

Ethanol

Nitrogen

**Certified Concentration**

0.080 ± 0.002 BrAC (218 ppm)

Balance

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

**RGM Serial No.**

EB0010581

EB0010570

EB0010285

EB0010561

EB0010681

**Concentration**

392.1 ppm

259.8 ppm

208.0 ppm

103.6 ppm

52.12 ppm

**RGM Serial No.**

EB0010603

EB0010559

EB0010595

EB0010562

EB0010579

**Concentration**

393.0 ppm

258.2 ppm

208.3 ppm

104.2 ppm

52.81 ppm

**CRM Serial No.**

CC434668

CC234503

**Concentration**

800.0 ppm

253.0 ppm

**CRM Serial No.**

0056649

0056662

**Concentration**

390.1 ppm

150.2 ppm

**Analytical Method:**

NDIR

Digitally signed by Quality Control  
Date: 2020.08.06 19:18:53 -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**  
**ERIC L MOSS**

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 7/23/2020

NUMBER 200215

EXPIRES 7/23/2022

MO 580-0771 (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** MOSS, ERIC  
**Permit No** 200215  
**Date Issued** 7/23/2020 **Date Expires** 7/23/2022

