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By Brianna Medrano at 10:22 am, Jan 21, 2022



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 102472	NAME OF AGENCY Greene County Sheriff's Office	DATE OF INSPECTION 01/18/2022
LOCATION OF INSTRUMENT (STREET AND CITY) 1010 N. Boonville Springfield, MO		TIME OF INSPECTION 1:14 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 09/30/2022

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 $\blacktriangleleft$ .103	TEST 2 $\blacktriangleleft$ .105	TEST 3 $\blacktriangleleft$ .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-.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).

Change 9V battery

**INSPECTING OFFICER**

SIGNATURE <i>Ronald L. Killingsworth</i>	PRINT NAME Ronald L. Killingsworth
TYPE II PERMIT NUMBER/EXPIRATION DATE 210003 / 1/7/23	TELEPHONE NUMBER (417) 829-6216

**Return completed report to the:** Breath Alcohol Program, MO Department of Health and Senior Services, Southeast District Office by mail, fax, or email.



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

2

**PERMIT  
 TYPE II**

**RONALD L. KILLINGSWORTH**

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 1/7/2021

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

NUMBER 210003

EXPIRES 1/7/2023

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

MO 580-0771 (6-10)

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** KILLINGSWORTH, RONALD  
**Permit No** 210003  
**Date Issued** 1/7/2021 **Date Expires** 1/7/2023



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:** 1-Oct-2020

**Lot # AG027403 Model 108cadd**

<b>Exp. Date</b> 30-Sep-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:**

<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: 2020.10.02 12:22:16 -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**

AS IV Serial no: 102472  
Version no: 532B

TEST RECORD 01662

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

Air Blank:  
01/18/22 13:10 .000  
Calibration Check:  
20 01/18/22 13:10 .103

Subject Name

Test 1

Subject I.D.

Operator Name, I.D.

R. Killingsworth

Location

AS IV Serial no: 102472  
Version no: 532B

TEST RECORD 01663

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

Air Blank:  
01/18/22 13:12 .000  
Calibration Check:  
21 01/18/22 13:12 .105

Subject Name

Test 2

Subject I.D.

Operator Name, I.D.

R. Killingsworth

Location

AS IV Serial no: 102472  
Version no: 532B

TEST RECORD 01664

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

Air Blank:  
01/18/22 13:14 .000  
Calibration Check:  
22 01/18/22 13:14 .103

Subject Name

Test 3

Subject I.D.

Operator Name, I.D.

R. Killingsworth

Location

AS IV Serial no: 102472  
Version no: 532B

TEST RECORD 01665

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

Air Blank:  
01/18/22 13:15 .000  
Subject Test: Auto  
23 01/18/22 13:15 .000

Subject Name

Test 4 / Sober

Subject I.D.

Operator Name, I.D.

R. Killingsworth

Location

AS IV Serial no: 102472  
Version no: 532B

TEST RECORD 01666

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

VOID: RFI  
12 01/18/22 13:17

Subject Name

Test 5 / RFI

Subject I.D.

Operator Name, I.D.

R. Killingsworth

Location