



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

RECEIVED  
 by Tracy Orsini at 2:02pm, Apr 07, 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 111670	NAME OF AGENCY Vernon county Sheriff Office	DATE OF INSPECTION 04/06/2021
LOCATION OF INSTRUMENT (STREET AND CITY) 2040 E. Hunter Nevada MO.		TIME OF INSPECTION 2350

**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 # AG019902 EXP. DATE 07/17/2022

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 ➔ **.081** TEST 2 ➔ **.080** TEST 3 ➔ **.080**

- 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) **2**

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 ▶	PRINT NAME <b>A. Stimson</b>
TYPE II PERMIT NUMBER/EXPIRATION DATE <b>290101 05/23/2021</b>	TELEPHONE NUMBER <b>(417-288-4400</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: 111670  
Version no: 532B

TEST RECORD 00237

Temp Date Time 9/  
210L

Air Blank:  
04/06/21 23:49 .000  
Calibration Check:  
23 04/06/21 23:49 .081

Subject Name

Subject I.D.

Operator Name, I.D.

Location

AS IV Serial no: 111670  
Version no: 532B

TEST RECORD 00240

Temp Date Time 9/  
210L

VOID: RFI  
12 04/06/21 23:53

Subject Name

Subject I.D.

Operator Name, I.D.

Location

AS IV Serial no: 111670  
Version no: 532B

TEST RECORD 00239

Temp Date Time 9/  
210L

Air Blank:  
04/06/21 23:52 .000  
Calibration Check:  
23 04/06/21 23:52 .080

Subject Name

Subject I.D.

Operator Name, I.D.

Location

AS IV Serial no: 111670  
Version no: 532B

TEST RECORD 00238

Temp Date Time 9/  
210L

Air Blank:  
04/06/21 23:50 .000  
Calibration Check:  
23 04/06/21 23:50 .080

Subject Name

Subject I.D.

Operator Name, I.D.

Location



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

2

PERMIT  
TYPE II

ALEXANDER K STIMSON

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 77.020 through 577.041, RSMo and 306.111 through 306.119 RSMo.

DATE 5/3/2019

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

NUMBER 290101

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

EXPIRES 5/3/2021

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 **STIMSON, ALEXANDER**  
Permit No **290101**  
Date Issued **5/3/2019** Date Expires **5/3/2021**



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

Certificate of Analysis

Test Date: 21-Jul-2020

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

Lot # AG019902 Model 108cccd

<u>Exp. Date</u> 7-Jul-2022	<u>Cyl. Type</u> 108	<u>Component</u> Ethanol Nitrogen	<u>Certified Concentration</u> 0.080 ± 0.002 BrAC (208 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>
B0010581	392.1 ppm	EB0010603	393.0 ppm
B0010570	259.8 ppm	EB0010559	258.2 ppm
B0010285	208.0 ppm	EB0010595	208.3 ppm
B0010561	103.6 ppm	EB0010562	104.2 ppm
B0010681	52.12 ppm	EB0010579	52.81 ppm

  

<u>RM Serial No.</u>	<u>Concentration</u>	<u>CRM Serial No.</u>	<u>Concentration</u>
C434668	800.0 ppm	0056649	390.1 ppm
C234503	253.0 ppm	0056662	150.2 ppm

Analytical Method: NDIR

Digitally signed by Quality Control  
 Date: 2020.07.22 16:48:30 -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