



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 104641	NAME OF AGENCY O'Fallon PD	DATE OF INSPECTION 12-1-2020
LOCATION OF INSTRUMENT (STREET AND CITY) 1019 Bryan Road, O'Fallon, MO		TIME OF INSPECTION 1045

**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 type="checkbox"/> COMPRESSED ETHANOL-GAS MIXTURE
<input checked="" type="checkbox"/> STANDARD SUPPLIER <u>Intoximeters</u> LOT # <u>AG919902</u> EXP. DATE <u>07-18-2021</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 ← <b>.079</b>	TEST 2 ← <b>.078</b>	TEST 3 ← <b>.078</b>
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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 <b>0</b>	(0-.04) <b>0</b>	(.05-.09) <b>0</b>	(.10-.14) <b>0</b>	(.15-.19) <b>0</b>	(OVER .19) <b>1</b>
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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).

N/A

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<b>INSPECTING OFFICER</b>	
SIGNATURE 	PRINT NAME <b>Chris Sinnokrak</b>
TYPE II PERMIT NUMBER/EXPIRATION DATE <b>290008 / 1-11-2021</b>	TELEPHONE NUMBER <b>(636 )240-3200</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: 104641  
Version no: 532B

TEST RECORD 01029

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

Air Blank:  
12/01/20 10:47 .000  
Calibration Check:  
21 12/01/20 10:47 .079

Subject Name

TEST 1

Subject I.D.

Operator Name, I.D.

SINNOGRAK 334  
Location

AS IV Serial no: 104641  
Version no: 532B

TEST RECORD 01030

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

Air Blank:  
12/01/20 10:49 .000  
Calibration Check:  
22 12/01/20 10:49 .078

Subject Name

TEST 2

Subject I.D.

Operator Name, I.D.

SINNOGRAK 334  
Location

AS IV Serial no: 104641  
Version no: 532B

TEST RECORD 01031

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

Air Blank:  
12/01/20 10:51 .000  
Calibration Check:  
23 12/01/20 10:51 .078

Subject Name

TEST 3

Subject I.D.

Operator Name, I.D.

SINNOGRAK 334  
Location

AS IV Serial no: 104641  
Version no: 532B

TEST RECORD 01032

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

VOID: RFI  
12 12/01/20 10:52

Subject Name

RFI

Subject I.D.

Operator Name, I.D.

Location

AS IV Serial no: 104641  
Version no: 532B

TEST RECORD 01033

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

Air Blank:  
12/01/20 10:54 .000  
Subject Test: Auto  
24 12/01/20 10:54 .000

Subject Name

SOBER TEST

Subject I.D.

Operator Name, I.D.

Location



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:** 22-Jul-2019

**Lot # AG919902 Model 108cacd**

**Exp. Date**

18-Jul-2021

**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: 2019.07.22 13:17:50 -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**

**CHRIS SINNOKRAK**

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 1/11/2019

NUMBER 290008

EXPIRES 1/11/2021

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

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** SINNOKRAK, CHRIS  
**Permit No** 290008  
**Date Issued** 1/11/2019    **Date Expires** 1/11/2021