



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 031393	PRINTER SN 08C.3527.093	DATE OF INSPECTION 07/10/2020
LOCATION OF INSTRUMENT (STREET AND CITY) SCCPD / 101 Sheriff Dierker Court, O'Fallon, Missouri 63366		TIME OF INSPECTION 7:28 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 # AG824102 EXP. DATE 08/29/2020
- SIMULATOR TEMPERATURE (34°C ± 0.2°C) \_\_\_\_\_ SIMULATOR SN \_\_\_\_\_ SIMULATOR 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 ← .076	TEST 2 ← .078	TEST 3 ← .078
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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)	0	(.10-.14)	2	(.15-.19)	0	(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).

New battery installed in printer on 6/30/2020.

**INSPECTING OFFICER**

SIGNATURE <i>Scott Ronald 676</i>	PRINT NAME Scott Ronald
TYPE II PERMIT NUMBER/EXPIRATION DATE 200202 / July 8, 2022	TELEPHONE NUMBER (636) 949-3000

**Return completed report to the:** Breath Alcohol Program, MO Department of Health and Senior Services, Southeast District Office  
 2875 James Boulevard  
 Poplar Bluff, MO 63901

# Airgas.

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.  
2061 Craig Road  
St. Louis, Mo 63146

Test Date: 29-Aug-2018

Lot # AG824102 Model 108caci

<u>Exp. Date</u>	<u>Cyl. Type</u>	<u>Component</u>	<u>Certified Concentration</u>
29-Aug-2020	108	Ethanol Nitrogen	0.080 ± 0.002 BrAC (218 ppm) Balance

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

<u>Serial No.</u>	<u>Concentration</u>	<u>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
EB0010584	52.12 ppm	EB0010573	52.84 ppm

Analytical Method: NDIR

Digitally signed by Quality Control  
Date: 2018.08.29 18:38:29 -05:00  
Reason: Dry gas standard certification of analyte  
Location: Airgas USA LLC (Lab)

Approved for Release: \_\_\_\_\_

*Rod Marsala*  
Rod Marsala

ISO 17025:2005 A2LA accredited. Certificate Number 3082.06



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

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**PERMIT**  
**TYPE II**  
**SCOTT RONALD**

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 577.020 through 577.041, RSMo and 306.111 through 306.119 RSMo.

DATE 7/8/2020

NUMBER 200202

EXPIRES 7/8/2022

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

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 RONALD, SCOTT  
 Permit No 200202  
 Date Issued 7/8/2020 Date Expires 7/8/2022

AS IV Serial no: 031393  
Version no: 532C

TEST RECORD 00187

Temp Date Time <sup>9/</sup> 210L

Air Blank:  
07/10/20 19:28 .000  
Calibration Check:  
26 07/10/20 19:28 .076

Subject Name

TEST

Subject I.D.

#1

Operator Name, I.D.

SCOTT RONALD, 200202

Location

SCCPD

AS IV Serial no: 031393  
Version no: 532C

TEST RECORD 00188

Temp Date Time <sup>9/</sup> 210L

Air Blank:  
07/10/20 19:30 .000  
Calibration Check:  
26 07/10/20 19:30 .078

Subject Name

TEST

Subject I.D.

#2

Operator Name, I.D.

SCOTT RONALD, 200202

Location

SCCPD

AS IV Serial no: 031393  
Version no: 532C

TEST RECORD 00189

Temp Date Time <sup>9/</sup> 210L

Air Blank:  
07/10/20 19:32 .000  
Calibration Check:  
26 07/10/20 19:32 .078

Subject Name

TEST

Subject I.D.

#3

Operator Name, I.D.

SCOTT RONALD, 200202

Location

SCCPD

AS IV Serial no: 031393  
Version no: 532C

TEST RECORD 00190

Temp Date Time <sup>9/</sup> 210L

VOID: RFI  
12 07/10/20 19:33

Subject Name

TEST

Subject I.D.

RFI

Operator Name, I.D.

SCOTT RONALD, 200202

Location

SCCPD