

From:

01/08/20

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#038 P.001/004

By Tracy Crews at 10:18 am, Jan 14, 2020



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 <b>097403</b>	PRINTER SN <b>099.3586.830</b>	DATE OF INSPECTION <b>01/07/2020</b>
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LOCATION OF INSTRUMENT (STREET AND CITY) <b>4400 Shrewsbury Avenue, Shrewsbury 63119</b>	TIME OF INSPECTION <b>23:38</b>
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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**

SIMULATOR SOLUTION  COMPRESSED ETHANOL-GAS MIXTURE

STANDARD SUPPLIER Intoximeters LOT # AG814202 EXP. DATE 05-22-2020

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 ← .079

TEST 2 ← .081

TEST 3 ← .079

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)	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).

None

**INSPECTING OFFICER**

SIGNATURE

PRINT NAME

**Richard Erwin**

TYPE II PERMIT NUMBER/EXPIRATION DATE

**290013/01/17/2021**

TELEPHONE NUMBER

**(314) 645-3000**

**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

AS IV Serial no: 097403  
Version no: 532B

AS IV Serial no: 097403  
Version no: 532B

AS IV Serial no: 097403  
Version no: 532B

TEST RECORD 00278

TEST RECORD 00276

TEST RECORD 00277

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

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

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

NOID: REI  
12 01/07/20 23:42

Air Blank: .2  
01/07/20 23:39 .000

Air Blank: 3  
01/07/20 23:41 .000

Subject Name

Calibration Check:  
22 01/07/20 23:39 081

Calibration Check:  
23 01/07/20 23:41 .079

Subject I.D.

Subject Name

Subject Name

Operator Name, I.D.

Joe Blow

Joe Blow

Location

Subject I.D.

Subject I.D.

1397

1397

Operator Name, I.D.

Operator Name, I.D.

Erwin 167

Erwin 167

Location

Location

4400 Shrewsbury

4400 Shrewsbury

Scitewis 67119

Scitewis 67119

AS IV Serial no: 097403  
Version no: 532B

TEST RECORD 00275

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

Air Blank: |  
01/07/20 23:38 000  
Calibration Check:  
22 01/07/20 23:38 .079

Subject Name

Joe Blow

Subject I.D.

1357

Operator Name, I.D.

Erwin 167

Location

4400 Shrewsbury

Scitewis 67119



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:** 23-May-2018

**Lot # AG814202 Model 55cadd**

<u>Exp. Date</u>	<u>Cyl. Type</u>	<u>Component</u>	<u>Certified Concentration</u>
22-May-2020	55	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	391.8 ppm	EB0010603	392.5 ppm
EB0010570	259.8 ppm	EB0010559	258.9 ppm
EB0010285	209.0 ppm	EB0010595	208.9 ppm
EB0010561	103.7 ppm	EB0010562	104.9 ppm
EB0010681	62.22 ppm	EB0010579	52.94 ppm

**Analytical Method:** NDIR

Digitally signed by Quality Control  
Date: 2018.05.24 13:46:42 -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 3062.06



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



**PERMIT  
TYPE II**

**RICHARD A ERWIN**

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 1/17/2019

NUMBER 290013

EXPIRES 1/17/2021

MO 680-0771 (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 ERWIN, RICHARD  
Permit No 290013  
Date issued 1/17/2019 Date Expires 1/17/2021