



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

RECEIVED  
 07/19/21 10:58:47 AM

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 097403/099.3586.830	NAME OF AGENCY Shrewsbury PD	DATE OF INSPECTION 06/29/2021
LOCATION OF INSTRUMENT (STREET AND CITY) 4400 Shrewsbury Avenue, Shrewsbury		TIME OF INSPECTION 3:02 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 # AG012705 EXP. DATE 05/06/2022

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 .083      TEST 2 .084      TEST 3 .084

- 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)	1
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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 210007-01/25/2023	TELEPHONE NUMBER (314) 645-3000

**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: 097403  
Version no: 532B

TEST RECORD 00486

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

Air Blank:  
06/29/21 15:22 .000  
Calibration Check:  
24 06/29/21 15:22 .083

Subject Name

Joe Blows

Subject I.D.

123

Operator Name, I.D.

Erwin 167

Location

4400 Shrewsbury

AS IV Serial no: 097403  
Version no: 532B

TEST RECORD 00487

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

Air Blank:  
06/29/21 15:24 .000  
Calibration Check:  
24 06/29/21 15:24 .084

Subject Name

Joe Blows

Subject I.D.

123

Operator Name, I.D.

Erwin 167

Location

4400 Shrewsbury

AS IV Serial no: 097403  
Version no: 532B

TEST RECORD 00488

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

Air Blank:  
06/29/21 15:26 .000  
Calibration Check:  
24 06/29/21 15:26 .084

Subject Name

Joe Blow

Subject I.D.

123

Operator Name, I.D.

Erwin 167

Location

4400 Shrewsbury

AS IV Serial no: 097403  
Version no: 532B

TEST RECORD 00489

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

NOID: RPJ  
12 06/29/21 15:27

Subject Name

Joe Blows

Subject I.D.

123

Operator Name, I.D.

Erwin 167

Location

4400 Shrewsbury



Airgas USA LLC (LAB)  
 3600 Bernard Street  
 St. Louis, Mo. 63103  
 Ph: (314) 633-3100  
 Fax: (314) 633-7328

**Certificate of Analysis**

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

**Test Date:** 6-May-2020

**Lot #** AG012705 **Model** 55cccd

<b>Exp. Date</b> 6-May-2022	<b>Cyl. Type</b> 55	<b>Component</b> Ethanol Nitrogen	<b>Certified Concentration</b> 0.080 ± 0.002 BrAC (216 ppm) Balance
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Certification Traceable to N.I.S.T. RGM and to CRM Ethanol Standards:

<b>RGM Serial No.</b> EB0010661 EB0010670 EB0010685 EB0010661 EB0010681	<b>Concentration</b> 392.1 ppm 259.4 ppm 208.0 ppm 103.5 ppm 62.12 ppm	<b>RGM Serial No.</b> EB0010603 EB0010688 EB0010686 EB0010662 EB0010678	<b>Concentration</b> 343.0 ppm 258.2 ppm 208.3 ppm 104.2 ppm 62.61 ppm
<b>CRM Serial No.</b> CC434663 CC234603	<b>Concentration</b> 606.0 ppm 253.0 ppm	<b>CRM Serial No.</b> 0056649 0056662	<b>Concentration</b> 390.1 ppm 160.2 ppm

**Analytical Method:** NDHR

Digitally signed by Quality Control  
 Date: 2020.05.06 09:24:57 -05:00  
 Reason: Dry gas standard certification of analysts  
 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



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

2

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 1/25/2021

NUMBER 210007

EXPIRES 1/25/2023

MO 580-0771 (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 210007  
Date issued 1/25/2021 Date Expires 1/25/2023

