



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 097403/099.3586.830	NAME OF AGENCY Shrewsbury PD	DATE OF INSPECTION 08/05/2021
LOCATION OF INSTRUMENT (STREET AND CITY) 4400 Shrewsbury Avenue, Shrewsbury		TIME OF INSPECTION 5:03 am

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 checked="" type="checkbox"/> COMPRESSED ETHANOL-GAS MIXTURE
<input checked="" type="checkbox"/> STANDARD SUPPLIER <u>Intoximeters</u>	LOT # <u>AG012705</u> EXP. DATE <u>05/06/2022</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 ➡ .079	TEST 2 ➡ .079	TEST 3 ➡ .079
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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)	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 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 00531

Temp Date Time 210L

Air Blank:
08/05/21 05:03 .000
Subject Test: Man
23 08/05/21 05:03 .079

Subject Name

Test 1

Subject I.D.

Operator Name, I.D.

Erwin 167

Location

4400 Shrewsbury

AS IV Serial no: 097403
Version no: 532B

TEST RECORD 00532

Temp Date Time 210L

Air Blank:
08/05/21 05:05 .000
Calibration Check:
23 08/05/21 05:05 .079

Subject Name

Test 2

Subject I.D.

2

Operator Name, I.D.

Erwin 167

Location

4400 Shrewsbury

AS IV Serial no: 097403
Version no: 532B

TEST RECORD 00533

Temp Date Time 210L

Air Blank:
08/05/21 05:07 .000
Calibration Check:
24 08/05/21 05:07 .079

Subject Name

Test 3

Subject I.D.

3

Operator Name, I.D.

Erwin 167

Location

4400 Shrewsbury

AS IV Serial no: 097403
Version no: 532B

TEST RECORD 00534

Temp Date Time 210L

VOID: RFI
12 08/05/21 05:09

Subject Name

Test

Subject I.D.

RFI

Operator Name, I.D.

Erwin 167

Location

4400 Shrewsbury



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: 6-May-2020

Lot # AG012705 **Model** 55caod

Exp. Date
 6-May-2022

Cyl. Type
 55

Component
 Ethanol
 Nitrogen

Certified Concentration
 0.080 ± 0.002 BrAC (210 ppm)
 Balance

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

<u>RGM Serial No.</u>	<u>Concentration</u>
EB0010581	392.1 ppm
EB0010670	259.8 ppm
EB0010386	208.0 ppm
EB0010581	103.8 ppm
EB0010681	62.12 ppm

<u>RGM Serial No.</u>	<u>Concentration</u>
EB0010603	393.0 ppm
EB0010689	258.2 ppm
EB0010695	208.3 ppm
EB0010662	104.2 ppm
EB0010578	62.81 ppm

<u>CRM Serial No.</u>	<u>Concentration</u>
CC434683	806.0 ppm
CC234603	253.8 ppm

<u>CRM Serial No.</u>	<u>Concentration</u>
0056649	390.1 ppm
0056662	160.2 ppm

Analytical Method: NDR

Digitally signed by Quality Control
 Date: 2020.05.05 20:24:37 -0500
 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



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

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

LAB-4 (R6-10)

MO 580-0771 (6-10)



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

