



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 06/01/2021
LOCATION OF INSTRUMENT (STREET AND CITY) 4400 Shrewsbury Avenue, Shrewsbury		TIME OF INSPECTION 1:09 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 ← .080	TEST 2 ← .080	TEST 3 ← .082
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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)	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 / 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 00474

Temp Date Time ^{s/} 210L

Air Blank:
06/01/21 14:06 .000
Calibration Check:
23 06/01/21 14:06 .082

Subject Name

Joe Boe

Subject I.D.

123

Operator Name, I.D.

Erwin 167

Location

4400 Shrewsbury

AS IV Serial no: 097403
Version no: 532B

TEST RECORD 00473

Temp Date Time ^{s/} 210L

Air Blank:
06/01/21 14:04 .000
Calibration Check:
22 06/01/21 14:04 .080

Subject Name

Joe Boe

Subject I.D.

123

Operator Name, I.D.

Erwin 167

Location

4400 Shrewsbury

AS IV Serial no: 097403
Version no: 532B

TEST RECORD 00472

Temp Date Time ^{s/} 210L

Air Blank:
06/01/21 14:02 .000
Calibration Check:
21 06/01/21 14:02 .080

Subject Name

Joe Boe

Subject I.D.

123

Operator Name, I.D.

Erwin 167

Location

4400 Shrewsbury

AS IV Serial no: 097403
Version no: 532B

TEST RECORD 00470

Temp Date Time ^{s/} 210L

VOID: RFI
12 06/01/21 13:59

Subject Name

Joe Boe

Subject I.D.

123

Operator Name, I.D.

Erwin 167

Location

4400 Shrewsbury

Airgas.

Airgas USA LLC (LAB)
3800 Bernard Street
St. Louis, Mo. 63103
Ph: (314) 533-3100
Fax: (314) 533-7328

Certificate of Analysis

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

Test Date: 6-May-2020

Lot # AG012705 **Model** 55cadd

Exp. Date
6-May-2022

Cyl. Type
55

Component
Ethanol
Nitrogen

Certified Concentration
0.080 ± 0.002 BrAC (216 ppm)
Balance

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

<u>RGM Serial No.</u>	<u>Concentration</u>
EB0010561	392.1 ppm
EB0010570	289.8 ppm
EB0010288	208.0 ppm
EB0010561	103.5 ppm
EB0010561	62.12 ppm

<u>RGM Serial No.</u>	<u>Concentration</u>
EB0010563	393.0 ppm
EB0010568	288.2 ppm
EB0010565	208.3 ppm
EB0010562	104.2 ppm
EB0010578	62.51 ppm

<u>CRM Serial No.</u>	<u>Concentration</u>
CC434665	800.0 ppm
CC234603	253.8 ppm

<u>CRM Serial No.</u>	<u>Concentration</u>
0056648	390.1 ppm
0056662	180.2 ppm

Analytical Method: NDIR

Digitally signed by Quality Control
Date: 2020.05.06 20:24:27 -0500
Reason: Dry gas standard certification of analysts
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**

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

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 ERWIN, RICHARD
 Permit No 210007
 Date Issued 1/25/2021 Date Expires 1/25/2023