



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 05/23/2021
LOCATION OF INSTRUMENT (STREET AND CITY) 4400 Shrewsbury Avenue, Shrewsbury		TIME OF INSPECTION 9:07 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

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 ← .082

TEST 2 ← .082

TEST 3 ← .082

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 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 00465

Temp Date Time 210L

Air Blank:
05/23/21 09:07 .000
Calibration Check:
19 05/23/21 09:07 .082

Subject Name
Joe Doe

Subject I.D.
123

Operator Name, I.D.
Erwin 167

Location
4400 Shrewsbury

2

AS IV Serial no: 097403
Version no: 532B

TEST RECORD 00466

Temp Date Time 210L

Air Blank:
05/23/21 09:09 .000
Calibration Check:
20 05/23/21 09:09 .082

Subject Name
Joe Doe

Subject I.D.
123

Operator Name, I.D.
Erwin 167

Location
4400 Shrewsbury

3

AS IV Serial no: 097403
Version no: 532B

TEST RECORD 00467

Temp Date Time 210L

Air Blank:
05/23/21 09:11 .000
Calibration Check:
20 05/23/21 09:11 .082

Subject Name
Joe Doe

Subject I.D.
123

Operator Name, I.D.
Erwin 167

Location
4400 Shrewsbury

AS IV Serial no: 097403
Version no: 532B

TEST RECORD 00468

Temp Date Time 210L

VOID: RFI
12 05/23/21 09:12

Subject Name
Joe Doe

Subject I.D.
123

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 55cadd

Exp. Date 6-May-2022	Cyl. Type 55	Component Ethanol Nitrogen	Certified Concentration 0.080 ± 0.002 BrAC (218 ppm) Balance
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Certification Traceable to N.I.S.T. RGM and to CRM Ethanol Standards:

RGM Serial No. EB0010661	Concentration 392.1 ppm	RGM Serial No. EB0010663	Concentration 393.0 ppm
EB0010670	259.8 ppm	EB0010668	288.2 ppm
EB0010285	208.0 ppm	EB0010695	208.3 ppm
EB0010661	103.8 ppm	EB0010662	184.2 ppm
EB0010681	52.12 ppm	EB0010678	62.81 ppm
CRM Serial No. CC434668	Concentration 800.0 ppm	CRM Serial No. 0058648	Concentration 390.1 ppm
CC234603	253.0 ppm	0058662	180.2 ppm

Analytical Method: NDIR

Digitally signed by Quality Control
 Date: 2020.05.06 20:34:37 -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



**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

MD 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