



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 11/02/2021
LOCATION OF INSTRUMENT (STREET AND CITY) 4400 Shrewsbury Avenue, Shrewsbury		TIME OF INSPECTION 0:08 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 <input type="checkbox"/> .081	TEST 2 <input type="checkbox"/> .083	TEST 3 <input type="checkbox"/> .084
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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 IU Serial no: 097403
Version no: 532B

TEST RECORD 00549
s/

Temp Date Time 210L

Air Blank:
11/02/21 01:02 .000
Calibration Check:
22 11/02/21 01:02 .084

Subject Name
Joe Blow

Subject I.D.
123

Operator Name, I.D.
Erwin 167

Location
4400 Shrewsbury

AS IU Serial no: 097403
Version no: 532B

TEST RECORD 00548
s/

Temp Date Time 210L

Air Blank:
11/02/21 01:00 .000
Calibration Check:
21 11/02/21 01:00 .083

Subject Name
Joe Blow

Subject I.D.
123

Operator Name, I.D.
Erwin 167

Location
4400 Shrewsbury

AS IU Serial no: 097403
Version no: 532B

TEST RECORD 00547
s/

Temp Date Time 210L

Air Blank:
11/02/21 00:58 .000
Calibration Check:
20 11/02/21 00:58 .081

Subject Name
Joe Blow

Subject I.D.
123

Operator Name, I.D.
Erwin 167

Location
4400 Shrewsbury

Operator Name, I.D.

AS IU Serial no: 097403
Version no: 532B

TEST RECORD 00551

Temp Date Time 210L

VOID: REI
12 11/02/21 01:05

Subject Name

Subject I.D.

Operator Name, I.D.

Location

Airgas.

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
Intedimeters, Inc.
2081 Craig Road
St. Louis, Mo 63146

Test Date: 6-May-2020

Lot # AG012705 **Model** 55cscd

Exp. Date
6-May-2022

Conf. Type
65

Component
Ethanol
Nitrogen

Certified Concentration
0.050 ± 0.002 BrAC (216 ppm)
Balance

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

RGM Serial No.
EB0010681
EB0010676
EB0010686
EB0010681
EB0010681

Concentration
392.1 ppm
390.8 ppm
398.0 ppm
183.8 ppm
62.12 ppm

RGM Serial No.
EB0010689
EB0010686
EB0010686
EB0010682
EB0010678

Concentration
398.0 ppm
398.2 ppm
398.3 ppm
194.8 ppm
62.61 ppm

CRM Serial No.
CC434888
CC234883

Concentration
609.0 ppm
253.8 ppm

CRM Serial No.
0050649
0050662

Concentration
200.1 ppm
160.2 ppm

Analytical Method: NDIR

Capably used by Quality Control
Date: 05/06/2020 12:41:37 -0500
Request: Dry gas standard calibration of analyzers
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

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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

MO 360-0771 (6-10)

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

LAB-4 (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