



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	PRINTER SN 099.3586.830	DATE OF INSPECTION 07/22/2020
LOCATION OF INSTRUMENT (STREET AND CITY) 7447 Dale Avenue, Richmond Heights		TIME OF INSPECTION 11:41

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) _____ SIMULATOR SN _____ SIMULATOR 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 ← .080

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
290013/01/17/2021

TELEPHONE NUMBER
(314) 645-3000

Return completed report to the: Breath Alcohol Program, MO Department of Health and Senior Services, Southeast District Office
2875 James Boulevard
Poplar Bluff, MO 63901

1

AS IV Serial no: 097403
Version no: 532B

TEST RECORD 00316

Temp Date Time 210L

s/

Air Blank:
07/22/20 11:43 .000
Calibration Check:
22 07/22/20 11:43 .080

Subject Name
Marge XX

Subject I.D.
123

Operator Name, I.D.
Erwin 167

Location
7447 Dale

Saint Louis

AS IV Serial no: 097403
Version no: 532B

TEST RECORD 00315

Temp Date Time 210L

s/

Air Blank:
12 07/22/20 11:41

Subject Name
Bart Xi

Subject I.D.
123

Operator Name, I.D.
Erwin 123

Location
7447 Dale

Saint Louis

2

AS IV Serial no: 097403
Version no: 532B

TEST RECORD 00317

Temp Date Time 210L

s/

Air Blank:
07/22/20 11:44 .000
Calibration Check:
22 07/22/20 11:44 .080

Subject Name
Joe Doe

Subject I.D.
123

Operator Name, I.D.
Erwin 167

Location
7447 Dale

Saint Louis

3

AS IV Serial no: 097403
Version no: 532B

TEST RECORD 00318

Temp Date Time 210L

s/

Air Blank:
07/22/20 11:46 .000
Calibration Check:
23 07/22/20 11:46 .080

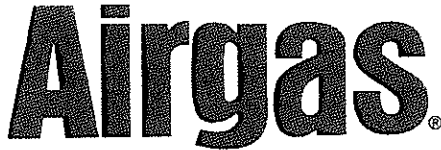
Subject Name
Joe Boe

Subject I.D.
123

Operator Name, I.D.
Erwin 167

Location
7447 Dale

Saint Louis



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

<u>Exp. Date</u>	<u>Cyl. Type</u>	<u>Component</u>	<u>Certified Concentration</u>
6-May-2022	55	Ethanol	0.080 ± 0.002 BrAC (218 ppm)
		Nitrogen	Balance

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

<u>RGM Serial No.</u>	<u>Concentration</u>	<u>RGM Serial No.</u>	<u>Concentration</u>
EB0010581	392.1 ppm	EB0010603	393.0 ppm
EB0010570	259.8 ppm	EB0010559	258.2 ppm
EB0010285	208.0 ppm	EB0010595	208.3 ppm
EB0010561	103.6 ppm	EB0010562	104.2 ppm
EB0010681	52.12 ppm	EB0010579	52.81 ppm

<u>CRM Serial No.</u>	<u>Concentration</u>	<u>CRM Serial No.</u>	<u>Concentration</u>
CC434668	800.0 ppm	0056649	390.1 ppm
CC234503	253.0 ppm	0056662	150.2 ppm

Analytical Method: NDIR

Digitally signed by Quality Control
Date: 2020.05.06 20:34:37 -05:00
Reason: Dry gas standard certification of analysis
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

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 1/17/2019

NUMBER 290013

EXPIRES 1/17/2021

MO 680.0771 (6-10)


DIRECTOR OF STATE PUBLIC HEALTH LABORATORY


DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

LAB-4 (RIS-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 290013
Date Issued 1/17/2019 Date Expires 1/17/2021

