



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 08/24/2020
LOCATION OF INSTRUMENT (STREET AND CITY) 7447 Dale Avenue, Richmond Heights		TIME OF INSPECTION 16:47

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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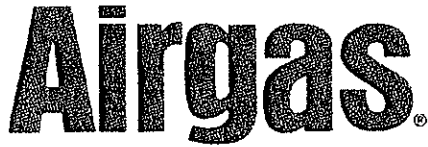
List any new parts and describe any alteration or modification that was made to restore the instrument to operate satisfactorily and within established limits (use other side if necessary).
None

INSPECTING OFFICER

SIGNATURE PRINT NAME
Richard Erwin

TYPE / PERMIT NUMBER / EXPIRATION DATE TELEPHONE NUMBER
290013/01/17/2021 (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



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 55caccd

<u>Exp. Date</u> 6-May-2022	<u>Cyl. Type</u> 55	<u>Component</u> Ethanol Nitrogen	<u>Certified Concentration</u> 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:

<u>RGM Serial No.</u> EB0010581 EB0010570 EB0010285 EB0010561 EB0010681	<u>Concentration</u> 392.1 ppm 259.8 ppm 208.0 ppm 103.6 ppm 52.12 ppm	<u>RGM Serial No.</u> EB0010603 EB0010559 EB0010595 EB0010562 EB0010579	<u>Concentration</u> 393.0 ppm 258.2 ppm 208.3 ppm 104.2 ppm 52.81 ppm
<u>CRM Serial No.</u> CC434668 CC234503	<u>Concentration</u> 800.0 ppm 253.0 ppm	<u>CRM Serial No.</u> 0056649 0056662	<u>Concentration</u> 390.1 ppm 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-D771 (6-10)

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

LAB-4 (18-10)

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

1

AS IV Serial no: 097403
Version no: 532B

TEST RECORD 00319

Temp Date Time ^{a/} 210L

Air Blank:
08/24/20 16:47 .000
Calibration Check:
21 08/24/20 16:47 .000

Subject Name
Bart Joe

Subject I.D.
123

Operator Name, I.D.
Erwin 167

Location
7447 DeleAve

Stinhaus

2

AS IV Serial no: 097403
Version no: 532B

TEST RECORD 00320

Temp Date Time ^{a/} 210L

Air Blank:
08/24/20 16:48 .000
Calibration Check:
22 08/24/20 16:48 .000

Subject Name
Moe Joe

Subject I.D.
123

Operator Name, I.D.
Erwin 167

Location
7447 DeleAve

Stinhaus

3

AS IV Serial no: 097403
Version no: 532B

TEST RECORD 00321

Temp Date Time ^{a/} 210L

Air Blank:
08/24/20 16:50 .000
Calibration Check:
22 08/24/20 16:50 .000

Subject Name
Marge Lorge

Subject I.D.
123

Operator Name, I.D.
Erwin 167

Location
7447 DeleAve

Stinhaus

AS IV Serial no: 097403
Version no: 532B

TEST RECORD 00322

Temp Date Time ^{a/} 210L

VOID: RFI
42 08/24/20 16:52

Subject Name
Joe Pitt

Subject I.D.
123

Operator Name, I.D.
Erwin 167

Location
7447 DeleAve

Stinhaus