



MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES
STATE PUBLIC HEALTH LABORATORY
ALCO-SENSOR IV WITH PRINTER MAINTENANCE REPORT

RECEIVED

By Tracy Crews at 3:48 pm, Mar 16, 2020

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 097416	PRINTER SN 096.3580.864	DATE OF INSPECTION 02/28/2020
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LOCATION OF INSTRUMENT (STREET AND CITY) GREENE COUNTY S/O - 1010 N. BOONVILLE AVE, SPRINGFIELD, MO 65802	TIME OF INSPECTION 12:18 pm
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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 # AG830303 EXP. DATE 10/30/2020

☐ 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 → .103

TEST 2 → .101

TEST 3 → .098

☒ 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-.04)	(.05-.09)	(.10-.14)	(.15-.19)	(OVER .19)
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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).

INSPECTING OFFICER

SIGNATURE → <i>Ryan Devost</i>	PRINT NAME RYAN DEVOST
TYPE II PERMIT NUMBER/EXPIRATION DATE 290083 Expires: 04/19/2021	TELEPHONE NUMBER (417) 868-4040

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: 31-Oct-2018

Lot # AG830303 Model 108cacd

<u>Exp. Date</u>	<u>Cyl. Type</u>	<u>Component</u>	<u>Certified Concentration</u>
30-Oct-2020	108	Ethanol Nitrogen	0.100 ± 2% BrAC (272 ppm) Balance

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

<u>Serial No.</u>	<u>Concentration</u>	<u>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

Analytical Method: NDIR

Digitally signed by Quality Control
Date: 2018.11.01 17:49:06 -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



STATE OF MISSOURI
DEPARTMENT OF HEALTH AND SENIOR SERVICES
BREATH ALCOHOL PROGRAM

2

PERMIT
TYPE II
RYAN DEVOST

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, INTOX EC/IR II

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 4/19/2019

NUMBER 290083

EXPIRES 4/19/2021

MO 550-0771 (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 DEVOST, RYAN

Permit No 290083

Date Issued 4/19/2019 Date Expires 4/19/2021



AS IV Serial no: 897416
Version no: 532B

TEST RECORD 88697

Temp Date Time ^{s/} 218L

For Blank

02/21/28 12:13 .003

Calibration Check

02/21/28 12:13 .193

Field Name

TEST #1

Field Name

Field Name I.D.

Field Name

By Dent

AS IV Serial no: 897416
Version no: 532B

TEST RECORD 88698

Temp Date Time ^{s/} 218L

For Blank

02/21/28 12:13 .003

Calibration Check

02/21/28 12:13 .193

Field Name

TEST #2

Field Name

Field Name I.D.

Field Name

By Dent

AS IV Serial no: 897416
Version no: 532B

TEST RECORD 88699

Temp Date Time ^{s/} 218L

For Blank

02/21/28 12:13 .003

Calibration Check

02/21/28 12:13 .093

Field Name

TEST #3

Field Name

Field Name I.D.

Field Name

By Dent

AS IV Serial no: 897416
Version no: 532B

TEST RECORD 88700

Temp Date Time ^{s/} 218L

For Blank

02/21/28 12:14 .003

Calibration Check

02/21/28 12:14 .003

Field Name

SOBER Sample

Field Name

Field Name I.D.

Field Name

By Dent

AS IV Serial no: 897416
Version no: 532B

TEST RECORD 88701

Temp Date Time ^{s/} 218L

For Blank

02/21/28 12:14

Calibration Check

02/21/28 12:14

RFI TEST

Field Name I.D.

By Dent