



MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES
STATE PUBLIC HEALTH LABORATORY

RECEIVED

June 2020

By Stephen Wilson at 8:18 am, Jun 02, 2020

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 097424 | PRINTER SN 096.3580.984 | DATE OF INSPECTION 6/1/2020 |
| LOCATION OF INSTRUMENT (STREET AND CITY) 1019 Schroeder Creek Blvd. Wentzville, MO. 63385 | | TIME OF INSPECTION 08:46 PM |

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>AG909401</u> EXP. DATE <u>04/04/2021</u> |
| <input type="checkbox"/> 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 ➡ .098 | TEST 2 ➡ 0.098 | TEST 3 ➡ 0.098 |
|---------------|----------------|----------------|

- RFI DETECTOR OPERATING

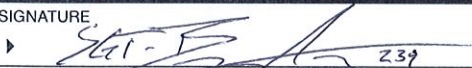
INDICATE THE NUMBER OF BREATH TESTS IN THE FOLLOWING RANGES SINCE THE LAST MAINTENANCE REPORT: (DO NOT INCLUDE SELF-ADMINISTERED TESTS)

| | | | | | | | | | | | |
|----------|---|---------|---|-----------|---|-----------|---|-----------|---|------------|---|
| REFUSALS | 0 | (0-.04) | 0 | (.05-.09) | 0 | (.10-.14) | 1 | (.15-.19) | 0 | (OVER .19) | 0 |
|----------|---|---------|---|-----------|---|-----------|---|-----------|---|------------|---|

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).

True-Cal II (0.098)

INSPECTING OFFICER

| | |
|---|------------------------------------|
| SIGNATURE  | PRINT NAME Branden Anderson |
| TYPE II PERMIT NUMBER/EXPIRATION DATE 280296 / 10-12-2020 | TELEPHONE NUMBER (636) 327-5105 |

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

AS IV Serial no: 097424
Version no: 532B

TEST RECORD 01139 ^{a/}

Temp Date Time 210L

Air Blank: 06/01/20 20:46 .000
Calibration Check: 24 06/01/20 20:46 .098

Subject Name

test # 1

Subject I.D.

Anderson

Operator Name, I.D.

Location

AS IV Serial no: 097424
Version no: 532B

TEST RECORD 01140 ^{a/}

Temp Date Time 210L

Air Blank: 06/01/20 20:48 .000
Calibration Check: 24 06/01/20 20:48 .098

Subject Name

test # 2

Subject I.D.

Anderson

Operator Name, I.D.

Location

AS IV Serial no: 097424
Version no: 532B

TEST RECORD 01141 ^{a/}

Temp Date Time 210L

Air Blank: 06/01/20 20:49 .000
Calibration Check: 24 06/01/20 20:49 .098

Subject Name

test # 3

Subject I.D.

Anderson

Operator Name, I.D.

Location

AS IV Serial no: 097424
Version no: 532B

TEST RECORD 01142 ^{a/}

Temp Date Time 210L

VOID: RFI
12 06/01/20 20:50

Subject Name

RFI

Subject I.D.

Anderson

Operator Name, I.D.

Location



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

2

**PERMIT
 TYPE II**

BRANDEN ANDERSON

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 10/12/2018

NUMBER 280296

EXPIRES 10/12/2020

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

LAB-4 (R6-10)

MO 580-0771 (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 ANDERSON, BRANDEN
 Permit No 280296
 Date Issued 10/12/2018 Date Expires 10/12/2020





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: 12-Apr-2019

Lot # AG909401 **Model** 108cacd

| <u>Exp. Date</u> | <u>Cyl. Type</u> | <u>Component</u> | <u>Certified Concentration</u> |
|------------------|------------------|---------------------|--------------------------------------|
| 4-Apr-2021 | 108 | Ethanol Nitrogen | 0.100 ± 2% BrAC (272 ppm) 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: 2019.04.17 17:28:53 -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