



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

RECEIVED
 By Tracy Crews at 2:36 pm, Jan 07, 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 097403 | PRINTER SN 099.3586.830 | DATE OF INSPECTION 01/03/2020 |
| LOCATION OF INSTRUMENT (STREET AND CITY) 4400 Shrewsbury Ave. Shrewsbury, MO 63119 | | TIME OF INSPECTION 9:00 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 Inc.(AIRGAS)</u> | LOT # <u>AG814202</u> EXP. DATE <u>05/22/2020</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)

| |
|---|
| <input type="checkbox"/> 0.100% STANDARD - MUST READ BETWEEN 0.095% and 0.105% INCLUSIVE |
| <input checked="" type="checkbox"/> 0.080% STANDARD - MUST READ BETWEEN 0.076% and 0.084% INCLUSIVE |
| <input type="checkbox"/> 0.040% STANDARD - MUST READ BETWEEN 0.038% and 0.042% INCLUSIVE |

| | | |
|---------------|---------------|---------------|
| TEST 1 ← .080 | TEST 2 ← .083 | TEST 3 ← .083 |
|---------------|---------------|---------------|

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 | 3 | (0-.04) | 0 | (.05-.09) | 0 | (.10-.14) | 0 | (.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).

| | |
|--|---|
| INSPECTING OFFICER | |
| SIGNATURE | PRINT NAME Lieutenant Todd Melugin DSN 153 |
| TYPE II PERMIT NUMBER/EXPIRATION DATE 280319 11/16/2020 | TELEPHONE NUMBER (314) 647-5656 |

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: 097403
Version no: 532B

TEST RECORD 00273

Temp Date Time ^{s/} 210L

Air Blank:
01/03/20 21:03 .000
Calibration Check:
23 01/03/20 21:03 .083

Subject Name

TEST

Subject I.D.

Melugin 153

Operator Name, I.D.

280319 11-16-2020

Location

4400 S Hrewsbury

AS IV Serial no: 097403
Version no: 532B

TEST RECORD 00274

Temp Date Time ^{s/} 210L

Air Blank:
01/03/20 21:05 .000
Calibration Check:
23 01/03/20 21:05 .083

Subject Name

TEST

Subject I.D.

Melugin 153

Operator Name, I.D.

4400 S Hrewsbury

Location

AS IV Serial no: 097403
Version no: 532B

TEST RECORD 00271

Temp Date Time ^{s/} 210L

Air Blank:
01/03/20 20:59 .000
Calibration Check:
22 01/03/20 20:59 .080

Subject Name

TEST

Subject I.D.

Melugin 153

Operator Name, I.D.

4400 S Hrewsbury
Location

AS IV Serial no: 097403
Version no: 532B

TEST RECORD 00272

Temp Date Time ^{s/} 210L

VOID: RFI
12 01/03/20 21:00

Subject Name

RFI TEST

Subject I.D.

Melugin 153

Operator Name, I.D.

4400 S Hrewsbury
Location



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

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PERMIT
 TYPE II

TODD M MELUGIN

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 11/16/2018

NUMBER 280319

EXPIRES 11/16/2020

MO 580-0771 (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 MELUGIN, TODD
 Permit No 280319
 Date Issued 11/16/2018 Date Expires 11/16/2020





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: 23-May-2018

Lot # AG814202 Model 55cacd

| | | | |
|---------------------------------|------------------------|---|---|
| Exp. Date 22-May-2020 | Cyl. Type 55 | Component Ethanol Nitrogen | Certified Concentration 0.080 ± 0.002 BrAC (218 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 | 391.8 ppm | EB0010603 | 392.5 ppm |
| EB0010570 | 259.8 ppm | EB0010559 | 258.9 ppm |
| EB0010285 | 209.0 ppm | EB0010595 | 208.9 ppm |
| EB0010561 | 103.7 ppm | EB0010562 | 104.9 ppm |
| EB0010681 | 52.22 ppm | EB0010579 | 52.94 ppm |

Analytical Method: NDIR

Digitally signed by Quality Control
 Date: 2018.05.24 13:46:42 -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