



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

RECEIVED REPORT #
 By Tracy Crews at 9:21 am, Feb 08, 2021

Complete this report in duplicate at the time of the regular monthly preventative maintenance of the instrument. Send copy to Department of Health and Senior Services; retain original in department file.

| | | |
|---|---|----------------------------------|
| ALCO SENSOR IV SN 030788 | NAME OF AGENCY Jefferson County Sheriff's Office | DATE OF INSPECTION 02/07/2021 |
| LOCATION OF INSTRUMENT (STREET AND CITY) 410 First Street, Hillsboro, MO 63050 | | TIME OF INSPECTION 7:30 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 type="checkbox"/> COMPRESSED ETHANOL-GAS MIXTURE |
| <input checked="" type="checkbox"/> STANDARD SUPPLIER <u>Intoximeters</u> LOT # <u>AG912204</u> EXP. DATE <u>05/02/2021</u> | |
| <input type="checkbox"/> SIMULATOR TEMPERATURE (34°C ± 0.2°C) _____ SIM. SN _____ SIM. NIST 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 .099 |
|--------------|--------------|--------------|

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) |
|----------|---------|-----------|-----------|-----------|------------|

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 Deputy Nicholas Gamm 549 |
| TYPE II PERMIT NUMBER/EXPIRATION DATE 200190 / 06/22/2022 | TELEPHONE NUMBER (636) 797-5000 |

Return completed report to the: Breath Alcohol Program, MO Department of Health and Senior Services, Southeast District Office by mail, fax, or email.

AS IV Serial no: 030703
Version no: 532B

TEST RECORD 00398

Temp Date Time 210L

Air Blank:
02/07/21 20:16 .000
Calibration Check:
14 02/07/21 20:16 .183

Subject Name

Feb 2021

Subject I.D.

Maintenance

Operator Name, I.D.

Gamm 200190

Location

410 1st St

Test 1

AS IV Serial no: 030703
Version no: 532B

TEST RECORD 00399

Temp Date Time 210L

Air Blank:
02/07/21 20:18 .000
Calibration Check:
16 02/07/21 20:18 .181

Subject Name

Subject I.D.

Operator Name, I.D.

Location

Test 2

AS IV Serial no: 030703
Version no: 532B

TEST RECORD 00401

Temp Date Time 210L

Air Blank:
02/07/21 20:23 .000
Calibration Check:
20 02/07/21 20:23 .099

Subject Name

Subject I.D.

Operator Name, I.D.

Location

Test 3

AS IV Serial no: 030703
Version no: 532B

TEST RECORD - REPRINT

TEST RECORD 00402

Temp Date Time 210L

VOID: RFI
12 02/07/21 20:28

Subject Name

Subject I.D.

Operator Name, I.D.

Location

RFI!

Certificate of Analysis

Customer Name
Exclusive Supplier
Intoximeters, Inc.
2081 Craig Road
St. Louis, Mo 63146

Test Date: 6-May-2019

Lot # AG912204 Model 108cadd

| <u>Exp. Date</u> | <u>Cyl. Type</u> | <u>Component</u> | <u>Certified Concentration</u> |
|------------------|------------------|---------------------|--------------------------------------|
| 2-May-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: 2019.05.17 12:35:24 -0500
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