



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

RECEIVED

By Tracy Crews at 12:00 pm, May 03, 2021

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 111769 | NAME OF AGENCY Columbia Police Department | DATE OF INSPECTION 04/21/2021 |
| LOCATION OF INSTRUMENT (STREET AND CITY) 600 East Walnut Columbia | | TIME OF INSPECTION 8:25 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

SIMULATOR SOLUTION COMPRESSED ETHANOL-GAS MIXTURE

STANDARD SUPPLIER Intoximeters LOT # AG020401 EXP. DATE 07/22/2022

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 ← .097

TEST 2 ← .097

TEST 3 ← .097

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 1 (0-.04) 0 (.05-.09) 1 (.10-.14) 2 (.15-.19) 1 (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).

Monthly Maintenance

INSPECTING OFFICER

| | |
|--|------------------------------------|
| SIGNATURE ▶ <i>Mark D. Hoehne</i> | PRINT NAME Mark D. Hoehne |
| TYPE II PERMIT NUMBER/EXPIRATION DATE 200187 06/15/2022 | TELEPHONE NUMBER (573-874-7585) |

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: 111769
Version no: 532B

TEST RECORD 00032

Temp Date Time ^{a/} 210L

Air Blank:
04/21/21 20:29 .000
Calibration Check:
21 04/21/21 20:29 .097

Subject Name

Test # 1
Subject I.D.

Hoehne, Mark D. 2078
Operator Name, I.D.

Location

AS IV Serial no: 111769
Version no: 532B

TEST RECORD 00033

Temp Date Time ^{a/} 210L

Air Blank:
04/21/21 20:30 .000
Calibration Check:
22 04/21/21 20:30 .097

Subject Name

Test # 2
Subject I.D.

Hoehne, Mark D. 2078
Operator Name, I.D.

Location

AS IV Serial no: 111769
Version no: 532B

TEST RECORD 00034

Temp Date Time ^{a/} 210L

Air Blank:
04/21/21 20:32 .000
Calibration Check:
22 04/21/21 20:32 .097

Subject Name

Test # 3
Subject I.D.

Hoehne, Mark D. 2078
Operator Name, I.D.

Location

AS IV Serial no: 111769
Version no: 532B

TEST RECORD 00035

Temp Date Time ^{a/} 210L

VOID: RFI
12 04/21/21 20:33

Subject Name

RFI Check
Subject I.D.

Hoehne, Mark D. 2078
Operator Name, I.D.

Location

AS IV Serial no: 111769
Version no: 532B

TEST RECORD 00036

Temp Date Time ^{a/} 210L

Air Blank:
04/21/21 20:34 .000
Subject Test: Auto
23 04/21/21 20:34 .000

Subject Name

Self Test
Subject I.D.

Hoehne, Mark D. 2078
Operator Name, I.D.

Location

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

Lot # AG020401 Model 108cacc

| <u>Exp. Date</u> | <u>Cyl. Type</u> | <u>Component</u> | <u>Certified Concentration</u> |
|------------------|------------------|------------------|--------------------------------|
| 22-Jul-2022 | 108 | Ethanol | 0.100 ± 2% BrAC (272 ppm) |
| | | Nitrogen | 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 | 392.4 ppm | EB0010693 | 393.0 ppm |
| EB0010570 | 259.8 ppm | EB0010550 | 268.2 ppm |
| EB0010285 | 208.0 ppm | EB0010595 | 208.3 ppm |
| EB0010581 | 103.5 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: 2020.07.27 16:29:45 -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

ALCO-SENSOR IV WITH PRINTER, INOX DMUE

as determined by the state of Missouri. This permit is issued for the use of the instrument in the State of Missouri. The instrument is used for the purpose of determining the alcohol content of a person's breath. The instrument is used for the purpose of determining the alcohol content of a person's breath. The instrument is used for the purpose of determining the alcohol content of a person's breath.

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

INSTRUMENT OPERATOR CARD

This card is used to identify the instrument operator. The card is used to identify the instrument operator. The card is used to identify the instrument operator. The card is used to identify the instrument operator.

Operator: KRISTINE MARY

Permit No: 200197

Date Issued 07/15/2020 Date Expires 07/15/2022

