



MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES
STATE PUBLIC HEALTH LABORATORY

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 087972 | NAME OF AGENCY St. Louis County Police Department | DATE OF INSPECTION 05/30/2023 |
| LOCATION OF INSTRUMENT (STREET AND CITY) 232 Vance Rd | | TIME OF INSPECTION 11:25 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 # AG0204801 EXP. DATE 02/17/2024

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 ➡ .101

TEST 2 ➡ .100

TEST 3 ➡ .100

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) | 0 | (.10-.14) | 0 | (.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).

INSPECTING OFFICER

SIGNATURE


PRINT NAME
SGT ESTRADA, DSN 3072

TYPE I PERMIT NUMBER/EXPIRATION DATE
230059 04/02/2025

TELEPHONE NUMBER
(636) 529-8210

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

IV Serial no: 087972
Version no: 532B

TEST RECORD 00672
Time Date Time 210L

Air Blank:
05/30/23 23:25 .000
Calibration Check:
22 05/30/23 23:25 .101

Subject Name

Test #1
Subject I.D.

NA

Operator Name, I.D. #3072

Sgt. Dawn Estrada

Location

232 Vance Rd

(7th PCT)

IV Serial no: 087972
Version no: 532B

TEST RECORD 00673

Time Date Time 210L

Air Blank:
05/30/23 23:27 .000
Calibration Check:
22 05/30/23 23:27 .100

Subject Name

Test #2

Subject I.D.

NA

Operator Name, I.D.

Sgt. Dawn Estrada #3072

Location

232 Vance Rd

(7th PCT)

IV Serial no: 087972
Version no: 532B

TEST RECORD 00674
Time Date Time 210L

Air Blank:
05/30/23 23:29 .000
Subject Test: Man
23 05/30/23 23:29 .100

Subject Name

Test #3

Subject I.D.

NA

Operator Name, I.D.

Sgt. Dawn Estrada

Location

232 Vance Rd

(7th PCT)

IV Serial no: 087972
Version no: 532B

TEST RECORD 00675

Time Date Time 210L

Air Blank:
12 05/30/23 23:31

Subject Name

RFI!

Subject I.D.

NA

Operator Name, I.D.

Sgt. Dawn Estrada #3072

Location

232 Vance Rd

(7th PCT)



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: 19-Feb-2022

Lot # AG204801 Model 108

| | | | |
|-----------------|------------------|---------------------|--------------------------------|
| Exp Date | Cyl. Type | Component | Certified Concentration |
| 17-Feb-2024 | 108 | Ethanol Nitrogen | 0.100 ± 2% BrAC (272 ppm) |

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

| RGM Serial No. | Concentration | RGM Serial No. | Concentration |
|----------------|---------------|----------------|---------------|
| EB0010581 | 391.8 ppm | EB0010603 | 392.5 ppm |
| EB0010570 | 259.8 ppm | EB0010559 | 258.9 ppm |
| EB0010285 | 209.0 ppm | EB0010562 | 104.2 ppm |
| EB0010561 | 103.7 ppm | EB0010579 | 52.94 ppm |
| EB0010681 | 52.22 ppm | | |

| CRM Serial No. | Concentration | CRM Serial No. | Concentration |
|----------------|---------------|----------------|---------------|
| CC727481 | 800.0 ppm | CC727493 | 390.0 ppm |
| CC727496 | 253.0 ppm | CC727498 | 150.0 ppm |

Analytical Method: NDIR

Digitally signed by: Quality Control
 Reason: Dry gas standard certification of analysis
 Location: Airgas USA LLC (Lab)
 Date: 02.22.2022 19:37

Approved for Release: _____



Rod Marsala

ISO 17025:2017 A2LA accredited. Certificate Number 3082.06
ISO 17034:2016 A2LA accredited. Certificate Number 3082.07



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



PERMIT
TYPE II

DAWN M. ESTRADA

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 DMT

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 4/2/2023

NUMBER 230059

EXPIRES 4/2/2025

Mike Massman

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

Paula J. Nicholson

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES