



**ALCO-SENSOR IV WITH PRINTER MAINTENANCE REPORT**

**RECEIVED**

By Tracy Crews at 1:29 pm, Nov 07, 2022

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<br>096228  | NAME OF AGENCY<br>NORMANDY POLICE DEPARTMENT | DATE OF INSPECTION<br>10/23/2022 |
| LOCATION OF INSTRUMENT (STREET AND CITY)<br>7700 NATURAL BRIDGE ROAD, NORMANDY |  | TIME OF INSPECTION<br>3:07 am    |

**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 INTOXIMETER LOT# AG127802 EXP. DATE 10/05/2023

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,... .079 | TEST2,... .080 | TEST3,... .080 |
|-----------------|----------------|----------------|

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).

|  |   |
|--|---|
| <b>INSPECTING OFFICER</b>                                  |   |
| SIGNATURE<br>  | PRINT NAME<br>CPL. THOMAS M. MOORE #325 |
| TYPE II PERMIT NUMBER/EXPIRATION DATE<br>220193/08-08-2024 | TELEPHONE NUMBER<br>(314) 385-3300      |

**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: 096228  
Version no: 532B

TEST RECORD 01028 <sup>g/</sup>  
Temp Date Time 210L

Air Blank: 10/23/22 03:07 .000  
Calibration Check: 23 10/23/22 03:07 .079

Subject Name

BAC MAINT

Subject I.D.

MOORE #325 / 220193

Operator Name, I.D.

Location

7700 NATURAL BR RD

NORMANDY MO 63121

AS IV Serial no: 096228  
Version no: 532B

TEST RECORD 01029 <sup>g/</sup>  
Temp Date Time 210L

Air Blank: 10/23/22 03:09 .000  
Subject Test: Man 24 10/23/22 03:09 .080

Subject Name

BAC MAINT

Subject I.D.

MOORE #325 / 220193

Operator Name, I.D.

Location

7700 NATURAL BR RD

NORMANDY, MO 63121

AS IV Serial no: 096228  
Version no: 532B

TEST RECORD 01030 <sup>g/</sup>  
Temp Date Time 210L

Air Blank: 10/23/22 03:11 .000  
Subject Test: Man 25 10/23/22 03:11 .080

Subject Name

BAC MAINT

Subject I.D.

MOORE #325 / 220193

Operator Name, I.D.

Location

7700 NATURAL BR RD

NORMANDY, MO 63121

AS IV Serial no: 096228  
Version no: 532B

TEST RECORD 01031 <sup>g/</sup>  
Temp Date Time 210L

VOID: RFI  
12 10/23/22 03:12

Subject Name

BAC MAINT

Subject I.D.

Operator Name, I.D.

MOORE #325 / 220193

Location

7700 NATURAL BR RD

NORMANDY MO 63121



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:** 5-Oct-2021

**Lot # AG127802 Model 108cacd**

| <u>Exp. Date</u> | <u>Cyl. Type</u> | <u>Component</u>    | <u>Certified Concentration</u>          |
|------------------|------------------|---------------------|---|
| 5-Oct-2023       | 108              | Ethanol<br>Nitrogen | 0.080 ± 0.002 BrAC (218 ppm)<br>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: 2021.10.05 18:55:05 -05:00  
 Reason: Dry gas standard certification of analysis  
 Location: Airgas USA LLC (Lab)

Approved for Release: \_\_\_\_\_  
*Rod Marsala*  
 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

2

**PERMIT**  
**TYPE II**  
**THOMAS M. MOORE**

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 8/8/2022

NUMBER 220193

EXPIRES 8/8/2024

*Mike Masoma*

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

*David J. Nielsen*

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

MO 680-0771 (6-10)

LAB-4 (16-10)

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 MOORE, THOMAS  
 Permit No 220193  
 Date Issued 8/8/2022 Date Expires 8/8/2024

