



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

**RECEIVED**  
 By Tracy Crews at 3:48 pm, Aug 09, 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 096228	NAME OF AGENCY Normandy Police Department	DATE OF INSPECTION 07/02/2022
LOCATION OF INSTRUMENT (STREET AND CITY) 7700 Natural Bridge Road, Normandy		TIME OF INSPECTION 11:57 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 Airgas 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 • .082

TEST 2 • .081

TEST 3 • .081

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)
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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  325

PRINT NAME  
P.O. Thomas Moore

TYPE II PERMIT NUMBER/EXPIRATION DATE  
200200 / 07-08-2022

TELEPHONE NUMBER  
(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.

48 IV Serial no: 096228  
 Version no: 502B  
 TEST RECORD 01015 s/  
 Temp Date Time 210L  
 Air Blank: VOID: RPI  
 07/03/22 00:00  
 Subject Test: Man  
 12 07/03/22 00:00  
 Subject Name  
BAC MAINT  
 Subject I.D.  
 Operator Name: I.D.  
MOORE 325 200200  
 Location  
7700 NATURAL BR RD NORMANOK

48 IV Serial no: 096228  
 Version no: 502B  
 TEST RECORD 01014 s/  
 Temp Date Time 210L  
 Air Blank: VOID: RPI  
 07/03/22 00:01 .000  
 Subject Test: Man  
 22 07/03/22 00:01 .001  
 Subject Name  
BAC MAINT  
 Subject I.D.  
 Operator Name: I.D.  
MOORE 325 200200  
 Location  
7700 NATURAL BR RD NORMANOK

48 IV Serial no: 096228  
 Version no: 502B  
 TEST RECORD 01013 s/  
 Temp Date Time 210L  
 Air Blank: VOID: RPI  
 07/02/22 23:59 .000  
 Subject Test: Man  
 21 07/02/22 23:59 .001  
 Subject Name  
BAC MAINT  
 Subject I.D.  
 Operator Name: I.D.  
MOORE 325 200200  
 Location  
7700 NATURAL BR RD NORMANOK

48 IV Serial no: 096228  
 Version no: 502B  
 TEST RECORD 01012 s/  
 Temp Date Time 210L  
 Air Blank: VOID: RPI  
 07/02/22 23:57 .000  
 Calibration Check: Man  
 20 07/02/22 23:57 .002  
 Subject Name  
BAC MAINT  
 Subject I.D.  
 Operator Name: I.D.  
MOORE 325 200200  
 Location  
7700 NATURAL BR RD NORMANOK



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** 108cadd

**Exp. Date**

5-Oct-2023

**Cyl. Type**

108

**Component**

Ethanol  
Nitrogen

**Certified Concentration**

0.080 ± 0.002 BrAC (218 ppm)  
Balance

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

**RGM Serial No.**

EB0010581

EB0010570

EB0010285

EB0010561

EB0010681

**Concentration**

392.1 ppm

259.8 ppm

208.0 ppm

103.6 ppm

52.12 ppm

**RGM Serial No.**

EB0010603

EB0010559

EB0010595

EB0010562

EB0010579

**Concentration**

393.0 ppm

258.2 ppm

208.3 ppm

104.2 ppm

52.81 ppm

**CRM Serial No.**

CC434668

CC234503

**Concentration**

800.0 ppm

253.0 ppm

**CRM Serial No.**

0056649

0056662

**Concentration**

390.1 ppm

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

**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

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**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, 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 7/8/2020

NUMBER 200200

EXPIRES 7/8/2022

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

MO 580-0771 (6-10)

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 **MOORE, THOMAS**  
 Permit No **200200**  
 Date Issued **7/8/2020**    Date Expires **7/8/2022**

