



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

**RECEIVED**  
 By Tracy Crews at 2:50 pm, Nov 08, 2023

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 <b>094804</b>	NAME OF AGENCY Kansas City Police Department	DATE OF INSPECTION 10/18/2023
LOCATION OF INSTRUMENT (STREET AND CITY) 9701 MARION PARK DR, KANSAS CITY		TIME OF INSPECTION

**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 # AG132803 EXP. DATE 11/24/2023
- 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	<b>0.081</b>	TEST 2	<b>0.080</b>	TEST 3	<b>0.079</b>
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- 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	<b>1</b>	(0-.04)	<b>0</b>	(.05-.09)	<b>0</b>	(.10-.14)	<b>1</b>	(.15-.19)	<b>3</b>	(OVER .19)	<b>2</b>
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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).

Instrument meets all DOHSS standards and guidelines.

**INSPECTING OFFICER**

SIGNATURE 	PRINT NAME <b>Wade Robinson</b>
TYPE II PERMIT NUMBER/EXPIRATION DATE <b>210266 - 11/18/2023</b>	TELEPHONE NUMBER <b>( ) 816-482-8141</b>

**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: 094804  
Version no: 532B

TEST RECORD 01127

Temp Date Time <sup>s/</sup> 210L

Air Blank:  
10/18/23 00:49 .000  
Calibration Check:  
22 10/18/23 00:49 .001

Subject Name

TEST 1

Subject I.D.

Operator Name, I.D.

Robinson 210266

Location

AS IV Serial no: 094804  
Version no: 532B

TEST RECORD 01128

Temp Date Time <sup>s/</sup> 210L

Air Blank:  
10/18/23 00:51 .000  
Calibration Check:  
23 10/18/23 00:51 .000

Subject Name

TEST 2

Subject I.D.

Operator Name, I.D.

Robinson 210266

Location

AS IV Serial no: 094804  
Version no: 532B

TEST RECORD 01129

Temp Date Time <sup>s/</sup> 210L

Air Blank:  
10/18/23 00:53 .000  
Calibration Check:  
23 10/18/23 00:53 .079

Subject Name

TEST 3

Subject I.D.

Operator Name, I.D.

Robinson 210266

Location

AS IV Serial no: 094804  
Version no: 532B

TEST RECORD 01130

Temp Date Time <sup>s/</sup> 210L

VOID: RFI  
12 10/18/23 00:55

Subject Name

RFI Test

Subject I.D.

Operator Name, I.D.

Robinson 210266

Location



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

Airgas USA LLC (LAB)  
5600 Bernard Street  
St. Louis, Mo. 63109  
Phone: (314) 533-3100  
Fax: (314) 533-3328

Test Date: 29-Nov-2021

Certificate of Analysis

Lot #: AG132803 Model 108

Exp Date  
24-Nov-2023

Cyl. Type  
108

Component  
Ethanol  
Nitrogen

Certified Concentration  
0.082 ± 0.002 B1AC (223 ppm)

Certification Traceable to NIST, RGM and to CRM Ethanol Standards:

RGM Serial No.  
EB0010501  
EB0010570  
EB0010209  
EB0010561  
EB0010501

Concentration  
392.1 ppm  
259.0 ppm  
208.0 ppm  
103.6 ppm  
52.12 ppm

RGM Serial No.  
EB0010603  
EB0010559  
EB0010595  
EB0010562  
EB0010579

Concentration  
393.0 ppm  
259.2 ppm  
208.2 ppm  
104.3 ppm  
52.87 ppm

CRM Serial No.  
CC434660  
CC234903

Concentration  
800.0 ppm  
253.0 ppm

CRM Serial No.  
0056649  
0055662

Concentration  
395.1 ppm  
150.2 ppm

Analytical Method: ND/E

Inert Meters, Inc. is a subsidiary of Airgas USA LLC (LAB)  
2081 Craig Road  
St. Louis, MO 63146

Approved for Release: *Rod Mersala*  
Rod Mersala

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

WADE ROBINSON

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, INTOXLYZER 8000  
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 11/18/2021

NUMBER 210766

EXPIRES 11/18/2023

MO 68-071 (2-18)

*Leann A. Dwyer*  
DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

*David A. Keeney*  
DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

