



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

RECEIVED  
 BY: [unclear] DATE: 2-9-22 TIME: 9:42 AM

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>108248</b>	NAME OF AGENCY <b>St. Charles City Police Dept</b>	DATE OF INSPECTION <b>2-9-22</b>
LOCATION OF INSTRUMENT (STREET AND CITY) <b>1781 Zumbuhl Rd St. Charles</b>		TIME OF INSPECTION <b>9:42 am</b>

**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 # **A9028101** EXP. DATE **10-7-22**
- 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>.099</b>	TEST 2 • <b>.099</b>	TEST 3 • <b>.101</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>0</b>	(0-.04) <b>0</b>	(.05-.09) <b>0</b>	(.10-.14) <b>0</b>	(.15-.19) <b>0</b>	(OVER .19) <b>0</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).

**NA**

**INSPECTING OFFICER**

SIGNATURE <b>P.O. [Signature] 397</b>	PRINT NAME <b>Kenneth Enz</b>
TYPE IF PERMIT NUMBER EXPIRATION DATE <b>210120 6-4-2023</b>	TELEPHONE NUMBER <b>636 949-3300</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: 108268  
Version no: 532B

TEST RECORD 00892

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

Air Blank:  
02/09/22 09:42 .000  
Calibration Check:  
23 02/09/22 09:42 .099

Subject Name

Test 1

Subject I.D.

Operator Name, I.D.

Enz 210120

Location

1781 Zumbahl Rd.

St. Charles

AS IV Serial no: 108268  
Version no: 532B

TEST RECORD 00893

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

Air Blank:  
02/09/22 09:44 .000  
Calibration Check:  
24 02/09/22 09:44 .099

Subject Name

Test 2

Subject I.D.

Operator Name, I.D.

Enz 210120

Location

1781 Zumbahl Rd.

St. Charles

AS IV Serial no: 108268  
Version no: 532B

TEST RECORD 00894

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

Air Blank:  
02/09/22 09:46 .000  
Calibration Check:  
24 02/09/22 09:46 .101

Subject Name

Test 3

Subject I.D.

Operator Name, I.D.

Enz 210120

Location

1781 Zumbahl Rd.

St. Charles

AS IV Serial no: 108268  
Version no: 532B

TEST RECORD 00895

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

VOID: RFI  
12 02/09/22 09:48

Subject Name

RFI Check

Subject I.D.

Operator Name, I.D.

Enz 210120

Location

1781 Zumbahl Rd.

St. Charles



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:** 7-Oct-2020

**Lot # AG028101 Model 108cacc**

<b><u>Exp. Date</u></b> 7-Oct-2022	<b><u>Cyl. Type</u></b> 108	<b><u>Component</u></b> Ethanol Nitrogen	<b><u>Certified Concentration</u></b> 0.100 ± 2% BrAC (272 ppm) Balance
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Certification Traceable to N.I.S.T. RGM and to CRM Ethanol Standards:

<b><u>RGM Serial No.</u></b> EB0010581 EB0010570 EB0010285 EB0010561 EB0010681	<b><u>Concentration</u></b> 392.1 ppm 259.8 ppm 208.0 ppm 103.6 ppm 52.12 ppm	<b><u>RGM Serial No.</u></b> EB0010603 EB0010559 EB0010595 EB0010562 EB0010579	<b><u>Concentration</u></b> 393.0 ppm 258.2 ppm 208.3 ppm 104.2 ppm 52.81 ppm
<b><u>CRM Serial No.</u></b> CC434668 CC234503	<b><u>Concentration</u></b> 800.0 ppm 253.0 ppm	<b><u>CRM Serial No.</u></b> 0056649 0056662	<b><u>Concentration</u></b> 390.1 ppm 150.2 ppm

**Analytical Method:** NDIR

Digitally signed by Quality Control  
Date: 2020.10.09 13:18:27 -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**



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



**PERMIT**  
**TYPE II**  
**KENNETH ENZ**

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 EC/IR II**

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 6/4/2021

NUMBER 210120

EXPIRES 6/4/2023

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

MO 539-0771 (5-10)

LAB-4 (R5-10)

**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 ENZ, KENNETH  
 Permit No 210120  
 Date Issued 6/4/2021    Date Expires 6/4/2023