



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 030794	NAME OF AGENCY St. Charles City PD	DATE OF INSPECTION 10/04/2022
LOCATION OF INSTRUMENT (STREET AND CITY) 1781 Zumbuhl Rd. ST. Charles		TIME OF INSPECTION 12:10 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 # AG207502

EXP. DATE 03/16/2024

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 • .099

TEST 2 • .098

TEST 3 • .098

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

(0-.04) 0

(.05-.09) 0

(.10-.14) 0

(.15-.19) 0

(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).

N/A

**INSPECTING OFFICER**

SIGNATURE

*Kenneth Enz*

PRINT NAME

**Kenneth Enz**

TYPE II PERMIT NUMBER/EXPIRATION DATE

210120 6/4/2023

TELEPHONE NUMBER

**(636) 949-3300**

**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: 030794  
Version no: 532C

TEST RECORD 00269

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

Air Blank:  
10/04/22 12:10 .000  
Calibration Check:  
22 10/04/22 12:10 .099

Subject Name

Test 1

Subject I.D.

Operator Name, I.D.

Enz 210120

Location

1781 Zumbel Rd

St. Charles

AS IV Serial no: 030794  
Version no: 532C

TEST RECORD 00270

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

Air Blank:  
10/04/22 12:12 .000  
Calibration Check:  
23 10/04/22 12:12 .098

Subject Name

Test 2

Subject I.D.

Operator Name, I.D.

Enz 210120

Location

1781 Zumbel Rd

St. Charles

AS IV Serial no: 030794  
Version no: 532C

TEST RECORD 00271

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

Air Blank:  
10/04/22 12:14 .000  
Calibration Check:  
24 10/04/22 12:14 .098

Subject Name

Test 3

Subject I.D.

Operator Name, I.D.

Enz 210120

Location

1781 Zumbel Rd

St. Charles

AS IV Serial no: 030794  
Version no: 532C

TEST RECORD 00272

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

VOID: RFI  
12 10/04/22 12:16

Subject Name

RFI Check

Subject I.D.

Operator Name, I.D.

Enz 210120

Location

1781 Zumbel 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:** 17-Mar-2022

**Lot # AG207502 Model 108**

<b>Exp Date</b> 16-Mar-2024	<b>Cyl. Type</b> 108	<b>Component</b> Ethanol Nitrogen	<b>Certified Concentration</b> 0.100 ± 2% BrAC (272 ppm)
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**Certification Traceable to N.I.S.T. RGM and to CRM Ethanol Standards:**

<b>RGM Serial No.</b>	<b>Concentration</b>	<b>RGM Serial No.</b>	<b>Concentration</b>
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		

<b>CRM Serial No.</b>	<b>Concentration</b>	<b>CRM Serial No.</b>	<b>Concentration</b>
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: 03.18.2022 13:45

**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



**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 180-0771 (3-10)

LAB 4 (R)-100

**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**