



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

RECEIVED  
 02/17/2021 09:55 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 108268	NAME OF AGENCY St. Charles City Police Department	DATE OF INSPECTION 02/16/2021
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LOCATION OF INSTRUMENT (STREET AND CITY) 1781 Zumbuhl Rd. St. Charles	TIME OF INSPECTION 3:37pm
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**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 # AG028101 EXP. DATE 10/07/2022

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 ← .102

TEST 2 ← .102

TEST 3 ← .104

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
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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).

N/A

**INSPECTING OFFICER**

SIGNATURE  
 397

PRINT NAME  
 Kenneth Enz

TYPE II PERMIT NUMBER/EXPIRATION DATE  
 290116 5/29/2021

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.



**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 108cadd**

<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	<b><u>Concentration</u></b> 392.1 ppm	<b><u>RGM Serial No.</u></b> EB0010603	<b><u>Concentration</u></b> 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
<b><u>CRM Serial No.</u></b> CC434668	<b><u>Concentration</u></b> 800.0 ppm	<b><u>CRM Serial No.</u></b> 0056649	<b><u>Concentration</u></b> 390.1 ppm
CC234503	253.0 ppm	0056662	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*                      
 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

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**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 5/29/2019

NUMBER 290116

EXPIRES 5/29/2021

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES



**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 290116  
Date Issued 5/29/2019    Date Expires 5/29/2021



AS IV Serial no: 108268  
Version no: 532B

TEST RECORD 00816

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

Air Blank:  
02/16/21 15:37 .000  
Calibration Check:  
24 02/16/21 15:37 .102

Subject Name

Test 1

Subject I.D.

Operator Name, I.D.

Enz 290116

Location

1781 Zumbach Rd.

St. Charles

AS IV Serial no: 108268  
Version no: 532B

TEST RECORD 00817

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

Air Blank:  
02/16/21 15:39 .000  
Calibration Check:  
24 02/16/21 15:39 .102

Subject Name

Test 2

Subject I.D.

Operator Name, I.D.

Enz 290116

Location

1781 Zumbach Rd.

St. Charles

AS IV Serial no: 108268  
Version no: 532B

TEST RECORD 00818

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

Air Blank:  
02/16/21 15:41 .000  
Calibration Check:  
25 02/16/21 15:41 .104

Subject Name

Test 3

Subject I.D.

Operator Name, I.D.

Enz 290116

Location

1781 Zumbach Rd

St. Charles

AS IV Serial no: 108268  
Version no: 532B

TEST RECORD 00819 <sup>g/</sup>  
Temp Date Time 210L

VOID: RFI  
12 02/16/21 15:42

Subject Name

RFI Check

Subject I.D.

Operator Name, I.D.

Enz 290116

Location

1781 Zumbach Rd

St. Charles