



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 097403/099.3586.830	NAME OF AGENCY Shrewsbury PD	DATE OF INSPECTION 03/16/2022
LOCATION OF INSTRUMENT (STREET AND CITY) 4400 Shrewsbury Ave, Shrewsbury		TIME OF INSPECTION 1:00 am

**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 # AG012705 EXP. DATE 05/06/2022

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 ← .079

TEST 2 ← .080

TEST 3 ← .079

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)	1	(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).

Functioning according to DHSS rules and regulations

**INSPECTING OFFICER**

SIGNATURE

*Zachery King*

PRINT NAME

Zachery King

TYPE II PERMIT NUMBER/EXPIRATION DATE

21209/09/14/2023

TELEPHONE NUMBER

(314) 647-5656

Return completed report to the: Breath Alcohol Program, MO Department of Health and Senior Services, Southeast District Office by mail, fax, or email.

2

AS IV Serial no: 097403  
Version no: 532B

TEST RECORD 00633

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

Air Blank:

03/16/22 00:02 .000

Calibration Check:

24 03/16/22 00:02 .079

Subject Name

TESTER

Subject I.D.

231

Operator Name, I.D.

PO KING 125

Location

SPD

2

AS IV Serial no: 097403  
Version no: 532B

TEST RECORD 00632

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

Air Blank:

03/16/22 00:01 .000

Calibration Check:

24 03/16/22 00:01 .079

Subject Name

TESTER

Subject I.D.

321

Operator Name, I.D.

PO KING 125

Location

SPD

1

AS IV Serial no: 097403  
Version no: 532B

TEST RECORD 00631

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

Air Blank:

03/15/22 23:59 .000

Calibration Check:

23 03/15/22 23:59 .080

Subject Name

TESTER

Subject I.D.

132

Operator Name, I.D.

PO KING 125

Location

SPD

RF 1

AS IV Serial no: 097403  
Version no: 532B

TEST RECORD 00634

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

VOID: RFI

12 03/16/22 00:04

Subject Name

TESTER

Subject I.D.

123

Operator Name, I.D.

PO KING 125

Location

SPD

# Airgas.

Airgas USA LLC (E.A.S.I.)  
3500 Bernard Street  
St. Louis, Mo. 63103  
P: (314) 633-5100  
F: (314) 633-7228

## Certificate of Analysis

Customer Name  
Exclusive Supplier  
Intestators, Inc.  
2081 Crisp Road  
St. Louis, Mo 63146

Test Date: 04May2020

Lot #: AG012705 Model 65caad

Exp. Date  
04May2022

Cyl. Type  
65

Component  
Ethanol  
Nitrogen

Certified Concentration  
0.400 ± 0.002 Vol% (210 ppm)  
Balance

Certification Traceable to NIST SRM and to CRM Ethanol Standards:

NIST Serial No.  
89401001  
89401002  
89401003  
89401004  
89401005

Concentration  
392.7 ppm  
398.8 ppm  
398.0 ppm  
393.0 ppm  
397.12 ppm

NIST Serial No.  
89401006  
89401007  
89401008  
89401009  
89401010

Concentration  
393.0 ppm  
398.2 ppm  
398.3 ppm  
394.8 ppm  
397.01 ppm

CRM Serial No.  
CC434003  
CC434004

Concentration  
394.0 ppm  
393.0 ppm

CRM Serial No.  
89401011  
89401012

Concentration  
390.7 ppm  
390.2 ppm

Analytical Method:

NDA1

Printed and signed by: [Signature]  
Date: 05/11/2020 10:11 AM  
Reference: 177025:2005 Accreditation of analysis  
Location: New USAUC (NY)

Approved for Release:

[Signature]  
Rod Marsala

ISO 17025:2005 AIA accredited. Certificate Number 3082.04  
ISO 17024:2010 A2LA accredited. Certificate Number 3082.07



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



**PERMIT**  
**TYPE II**  
**ZACHERY KING**

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**

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 9/14/2021

NUMBER 210209

EXPIRES 9/14/2023

MO 590-0771 (8-10)

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

LAB-4 (8-10)

 **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 **KING, ZACHERY**  
Permit No **210209**  
Date Issued **9/14/2021** Date Expires **9/14/2023**

