



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 12/01/2021
LOCATION OF INSTRUMENT (STREET AND CITY) 4400 Shrewsbury Ave, Shrewsbury		TIME OF INSPECTION 10:30 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 # 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 ➡ .078

TEST 2 ➡ .080

TEST 3 ➡ .080

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)

(OVER .19)

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).

Time adjusted for Daylight Savings

INSPECTING OFFICER

SIGNATURE

[Handwritten Signature]

PRINT NAME

Zachery King

TYPE II PERMIT NUMBER/EXPIRATION DATE

210209

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.

RFI

AS IV Serial no: 097403
Version no: 532B

TEST RECORD 00559

Temp Date Time 210L s/

VOID: RFI

12/12/01/21 22:36

Subject Name

Subject I.D.

Operator Name, I.D.

Location

3

AS IV Serial no: 097403
Version no: 532B

TEST RECORD 00558

Temp Date Time 210L s/

Air Blank:

12/01/21 22:34 .000

Calibration Check:

24 12/01/21 22:34 .080

Subject Name

TEST

Subject I.D.

123

Operator Name, I.D.

KING 12S

Location

4400 SHREWSBURY

2

AS IV Serial no: 097403
Version no: 532B

TEST RECORD 00557

Temp Date Time 210L s/

Air Blank:

12/01/21 22:32 .000

Calibration Check:

24 12/01/21 22:32 .080

Subject Name

TEST

Subject I.D.

123

Operator Name, I.D.

KING 12S

Location

4400 SHREWSBURY

1

AS IV Serial no: 097403
Version no: 532B

TEST RECORD 00556

Temp Date Time 210L s/

Air Blank:

12/01/21 22:30 .000

Calibration Check:

24 12/01/21 22:30 .078

Subject Name

TEST

Subject I.D.

123

Operator Name, I.D.

KING 12S

Location

4400 SHREWSBURY

Airgas.

Airgas USA LLC (L.A.B.)
3800 Barrard Street
St. Louis, Mo. 63103
Ph: (314) 633-0100
Fax: (314) 633-7220

Certificate of Analysis

Customer Name
Exclusive Supplier
Instruments, Inc.
2001 Craig Road
St. Louis, Mo 63140

Test Date: 6-May-2022

Lot # AG012705 **Model** 55caod

Exp. Date
6-May-2022

Gas Type
E5

Component
Ethanol
Nitrogen

Certified Concentration
0.680 ± 0.002 InAC (210 ppm)
Balance

Certification Traceable to NIST RM and to CRM Ethanol Standards:

NIST Serial No.	Concentration
850010001	302.1 ppm
850010070	300.0 ppm
850010005	300.0 ppm
850010001	100.0 ppm
850010001	02.12 ppm

NIST Serial No.	Concentration
850010000	300.0 ppm
850010000	300.0 ppm
850010000	300.0 ppm
850010002	100.0 ppm
850010070	02.01 ppm

CRM Serial No.	Concentration
CC004000	300.0 ppm
CC004000	300.0 ppm

CRM Serial No.	Concentration
6000040	300.1 ppm
6000002	100.2 ppm

Analytical Method: NDIR

Not to be used for quality control
without Airgas USA LLC approval
Failure to use proper identification of samples
violates Airgas USA LLC policy

Approved for Release:

Rod Marsala
Rod Marsala

ISO 17025:2005 A2LA accredited. Certificate Number 2002.06
ISO 17024:2018 A2LA accredited. Certificate Number 2002.07



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

Laura Q. Day

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

Donald A. Ramsey

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

MO 580-0771 (6-10)

LAB-4 (R6-10)

 **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

