



MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES
STATE PUBLIC HEALTH LABORATORY

ALCO-SENSOR IV WITH PRINTER MAINTENANCE REPORT

RECEIVED
By: Tracy Crowe at 2:03 pm, 03/16/22

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

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.

3

AS IV Serial no: 097403
Version no: 532B

TEST RECORD 00633
s/
Temp Date Time 210L

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
s/
Temp Date Time 210L

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
s/
Temp Date Time 210L

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
s/
Temp Date Time 210L

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 (LAB)
3800 Bernard Street
St. Louis, Mo. 63103
Ph: (314) 633-3100
Fax: (314) 633-7328

Certificate of Analysis

Customer Name
Exclusive Supplier
Introdmeters, Inc.
2081 Craig Road
St. Louis, Mo 63146

Test Date: 6-May-2020

Lot # AG012705 **Model** 55csod

Exp. Date
6-May-2022

Std. Type
IS

Component
Ethanol
Nitrogen

Certified Concentration
0.680 ± 0.002 InAC (216 ppm)
Balance

Certification Traceable to N.I.S.T. CRM and to CRM Ethanol Standards:

CRM Serial No.	Concentration
EB0010601	292.1 ppm
EB0010670	289.8 ppm
EB0010696	288.8 ppm
EB0010681	183.8 ppm
EB0010681	82.12 ppm

CRM Serial No.	Concentration
EB0010699	283.0 ppm
EB0010699	281.2 ppm
EB0010698	281.3 ppm
EB0010662	184.2 ppm
EB0010673	82.81 ppm

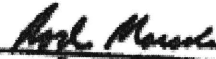
CRM Serial No.	Concentration
CC34889	608.0 ppm
CC34893	283.8 ppm

CRM Serial No.	Concentration
608849	280.1 ppm
608882	186.2 ppm

Analytical Method: NDIR

Certified by Quality Control
Date: 05/05/2020 10:17:46AM
Amount: 17.000 Standard deviation 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

2

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. Kamm

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

