



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

RECEIVED
 By Tracy Crews at 7:23 am, Sep 07, 2022

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 034874	NAME OF AGENCY St. Charles County PD	DATE OF INSPECTION 09/05/2022
LOCATION OF INSTRUMENT (STREET AND CITY) 101 Sheriff Dierker Court, O'fallon, MO 63366		TIME OF INSPECTION 8:10 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 # AG109701 EXP. DATE 04/07/2023
- 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 .080	TEST 2 .080	TEST 3 .079
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- 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).

INSPECTING OFFICER

SIGNATURE 	PRINT NAME Mike Johnson
TYPE II PERMIT NUMBER/EXPIRATION DATE 220150 / 05-25-2024	TELEPHONE NUMBER (636) 949-3000

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: 034874
Version no: 532C

TEST RECORD 00169

Temp Date Time ^{s/} 210L

Air Blank:
09/05/22 20:10 .000
Calibration Check:
23 09/05/22 20:10 .000

Subject Name

Test #1

Subject I.D.

Operator Name, I.D.

Cpl. Johnson 220150

Location

SCPD

AS IV Serial no: 034874
Version no: 532C

TEST RECORD 00170

Temp Date Time ^{s/} 210L

Air Blank:
09/05/22 20:11 .000
Calibration Check:
24 09/05/22 20:11 .000

Subject Name

Test #2

Subject I.D.

Operator Name, I.D.

Cpl. Johnson 220150

Location

SCPD

AS IV Serial no: 034874
Version no: 532C

TEST RECORD 00171

Temp Date Time ^{s/} 210L

Air Blank:
09/05/22 20:13 .000
Calibration Check:
25 09/05/22 20:13 .079

Subject Name

Test #3

Subject I.D.

Operator Name, I.D.

Cpl. Johnson 220150

Location

SCPD

AS IV Serial no: 034874
Version no: 532C
TEST RECORD 00172
Temp Date Time ^{s/} 210L
VOID: RTI
12 09/05/22 20:13
Subject Name
RSI Test
Subject I.D.
Operator Name, I.D.
Cpl. Johnson 220150
Location
SCPD

AS IV Serial no: 034874
Version no: 532C
TEST RECORD 00173
Temp Date Time ^{s/} 210L
Air Blank:
09/05/22 20:15 .000
Subject Test: Auto
26 09/05/22 20:15 .000
Subject Name
Self Test
Subject I.D.
Operator Name, I.D.
Cpl. Johnson 220150
Location
SCPD



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-Apr-2021

Lot # AG109701 Model 108cacd

Exp. Date 7-Apr-2023	Cyl. Type 108	Component Ethanol Nitrogen	Certified Concentration 0.082 ± 0.002 BrAC (223 ppm) Balance
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Certification Traceable to N.I.S.T. RGM and to CRM Ethanol Standards:

<u>RGM Serial No.</u>	<u>Concentration</u>
EB0010581	392.1 ppm
EB0010570	259.8 ppm
EB0010285	208.0 ppm
EB0010561	103.6 ppm
EB0010681	52.12 ppm

<u>RGM Serial No.</u>	<u>Concentration</u>
EB0010603	393.0 ppm
EB0010559	258.2 ppm
EB0010595	208.3 ppm
EB0010562	104.2 ppm
EB0010579	52.81 ppm

<u>CRM Serial No.</u>	<u>Concentration</u>
GC727481	800.0 ppm
GC727496	253.0 ppm

<u>CRM Serial No.</u>	<u>Concentration</u>
GC727493	390.0 ppm
GC727498	150.0 ppm

Analytical Method: NDIR

Digitally signed by Quality Control
 Date: 2021.04.07 17:42:01 -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
MIKE JOHNSON

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 5/25/2022

Mike Massman

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

NUMBER 220150

EXPIRES 5/25/2024

Dave J. Nielson

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

MO 680-0771 (8-10)

LAB-4 (RS-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 JOHNSON, MIKE
Permit No 220150
Date Issued 5/25/2022 **Date Expires** 5/25/2024

