



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

RECEIVED
By Brian Lutmer at 4:38 pm, Jan 18, 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 035484	NAME OF AGENCY Saint Charles County Police Department	DATE OF INSPECTION 01/15/2022
LOCATION OF INSTRUMENT (STREET AND CITY) 301 North Second Street, Saint Charles, MO 63301		TIME OF INSPECTION 1:01 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

<input type="checkbox"/> SIMULATOR SOLUTION	<input checked="" type="checkbox"/> COMPRESSED ETHANOL-GAS MIXTURE
<input checked="" type="checkbox"/> STANDARD SUPPLIER <u>Intoximeters</u>	LOT # <u>AG109701</u> EXP. DATE <u>04/07/2023</u>
<input type="checkbox"/> 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 ➔ .084	TEST 2 ➔ .083	TEST 3 ➔ .083
---------------	---------------	---------------

- 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)	1	(OVER .19)	0
----------	---	---------	---	-----------	---	-----------	---	-----------	---	------------	---

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 200198 / July 8, 2022	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: 035484
Version no: 532C

TEST RECORD 00175

Temp Date Time ^{s/} 210L

Air Blank:
01/15/22 01:01 .000
Calibration Check:
21 01/15/22 01:01 .084

Subject Name

Test #1

Subject I.D.

Operator Name, I.D.

Cpl. Johnson 200149

Location

SCCDOC

AS IV Serial no: 035484
Version no: 532C

TEST RECORD 00176

Temp Date Time ^{s/} 210L

Air Blank:
01/15/22 01:03 .000
Calibration Check:
22 01/15/22 01:03 .083

Subject Name

Test #2

Subject I.D.

Operator Name, I.D.

Cpl. Johnson 200149

Location

SCCDOC

AS IV Serial no: 035484
Version no: 532C

TEST RECORD 00177

Temp Date Time ^{s/} 210L

Air Blank:
01/15/22 01:04 .000
Calibration Check:
23 01/15/22 01:04 .083

Subject Name

Test #3

Subject I.D.

Operator Name, I.D.

Cpl. Johnson 200149

Location

SCCDOC

AS IV Serial no: 035484
Version no: 532C

TEST RECORD 00178

Temp Date Time ^{s/} 210L

VOID: RFI
12 01/15/22 01:05

Subject Name

RFI Test

Subject I.D.

Operator Name, I.D.

Cpl. Johnson 200149

Location

SCCDOC

AS IV Serial no: 035484
Version no: 532C

TEST RECORD 00179

Temp Date Time ^{s/} 210L

Air Blank:
01/15/22 01:06 .000
Subject Test: Auto
24 01/15/22 01:06 .000

Subject Name

Self-Test

Subject I.D.

Operator Name, I.D.

Cpl. Johnson 200149

Location

SCCDOC



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 108cacc

<u>Exp. Date</u> 7-Apr-2023	<u>Cyl. Type</u> 108	<u>Component</u> Ethanol Nitrogen	<u>Certified Concentration</u> 0.082 ± 0.002 BrAC (223 ppm) Balance
--------------------------------	-------------------------	---	---

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

<table border="0"> <tr><td><u>RGM Serial No.</u></td><td><u>Concentration</u></td></tr> <tr><td>EB0010581</td><td>392.1 ppm</td></tr> <tr><td>EB0010570</td><td>259.8 ppm</td></tr> <tr><td>EB0010285</td><td>208.0 ppm</td></tr> <tr><td>EB0010561</td><td>103.6 ppm</td></tr> <tr><td>EB0010681</td><td>52.12 ppm</td></tr> </table>	<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	<table border="0"> <tr><td><u>RGM Serial No.</u></td><td><u>Concentration</u></td></tr> <tr><td>EB0010603</td><td>393.0 ppm</td></tr> <tr><td>EB0010559</td><td>258.2 ppm</td></tr> <tr><td>EB0010595</td><td>208.3 ppm</td></tr> <tr><td>EB0010562</td><td>104.2 ppm</td></tr> <tr><td>EB0010579</td><td>52.81 ppm</td></tr> </table>	<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>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																								
<table border="0"> <tr><td><u>CRM Serial No.</u></td><td><u>Concentration</u></td></tr> <tr><td>CC727481</td><td>800.0 ppm</td></tr> <tr><td>CC727496</td><td>253.0 ppm</td></tr> </table>	<u>CRM Serial No.</u>	<u>Concentration</u>	CC727481	800.0 ppm	CC727496	253.0 ppm	<table border="0"> <tr><td><u>CRM Serial No.</u></td><td><u>Concentration</u></td></tr> <tr><td>CC727493</td><td>390.0 ppm</td></tr> <tr><td>CC727498</td><td>150.0 ppm</td></tr> </table>	<u>CRM Serial No.</u>	<u>Concentration</u>	CC727493	390.0 ppm	CC727498	150.0 ppm												
<u>CRM Serial No.</u>	<u>Concentration</u>																								
CC727481	800.0 ppm																								
CC727496	253.0 ppm																								
<u>CRM Serial No.</u>	<u>Concentration</u>																								
CC727493	390.0 ppm																								
CC727498	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

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
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 7/8/2020

NUMBER 200198

EXPIRES 7/8/2022

MO 580-0771 (6-10)

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

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 JOHNSON, MIKE
 Permit No 200198
 Date Issued 7/8/2020 Date Expires 7/8/2022

