



ALCO-SENSOR IV WITH PRINTER MAINTENANCE REPORT

RECEIVED

By Tracy Crews at 9:53 am, Aug 04, 2020

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 042311	PRINTER SN 099.3586.572	DATE OF INSPECTION 08/03/2020
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LOCATION OF INSTRUMENT (STREET AND CITY) SCCPD / 101 Sheriff Dierker Court, O'Fallon, Missouri 63366	TIME OF INSPECTION 12:45 pm
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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>AG824102</u> EXP. DATE <u>08/29/2020</u>
<input type="checkbox"/> SIMULATOR TEMPERATURE (34°C ± 0.2°C) _____	SIMULATOR SN _____ SIMULATOR 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 ➔ .076	TEST 2 ➔ .076	TEST 3 ➔ .076
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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 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
2875 James Boulevard
Poplar Bluff, MO 63901

Airgas

AG 110 (148)
Part No. 100
16 03 100
16 03 100
16 03 100

Certificate of Analysis

28-Aug-2018

Customer Name:
Echelon Supply
Industries, Inc.
2011 Oak Road
St. Louis, Mo 63126

Lot# AG824102 Model# 7000

Exp. Date	Cert. Type	Component	Concentration
29-AUG-2020	106	Ethanol	100% EtOH (218 ppm)

Certification Traceable to NIST/RGM Ethanol Standards

Serial No.	Concentration	Serial No.	Concentration
EB041051	102.1 ppm	EB041051	103.0 ppm
EB041070	289.8 ppm	EB041070	291.2 ppm
EB041225	201.8 ppm	EB041225	203.3 ppm
EB041061	103.3 ppm	EB041061	104.2 ppm
EB041053	102.1 ppm	EB041053	103.1 ppm

Analytical Method: NDIR

Quality Control
Date: 28-Aug-2018 10:28:20 AM
Location: D:\QC\2018\08\28\10282018
Operator: Rod Marsala

Approved for Release: Rod Marsala
Rod Marsala

ISO 17025:2005 A2LA Accredited - Certificate Number 301206



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

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

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



AS IV Serial no: 042311
Version no: 532C

TEST RECORD 00099

Temp Date Time ^{s/} 210L

Air Blank:
08/03/20 12:45 .000
Calibration Check:
23 08/03/20 12:45 .076

Subject Name

TEST

Subject I.D.

1

Operator Name, I.D.

~~RAV 663~~ 200198

Location

SCCPD

AS IV Serial no: 042311
Version no: 532C

TEST RECORD 00100

Temp Date Time ^{s/} 210L

Air Blank:
08/03/20 12:46 .000
Calibration Check:
23 08/03/20 12:46 .076

Subject Name

TEST

Subject I.D.

2

Operator Name, I.D.

~~RAV 663~~ 200198

Location

SCCPD

AS IV Serial no: 042311
Version no: 532C

TEST RECORD 00101

Temp Date Time ^{s/} 210L

Air Blank:
08/03/20 12:49 .000
Calibration Check:
24 08/03/20 12:49 .076

Subject Name

TEST

Subject I.D.

3

Operator Name, I.D.

~~RAV 663~~ 200198

Location

SCCPD

AS IV Serial no: 042311
Version no: 532C

TEST RECORD 00103

Temp Date Time ^{s/} 210L

VOID: RFI
12 08/03/20 13:17

Subject Name

TEST VOID

Subject I.D.

RFI

Operator Name, I.D.

~~RAV 663~~ 200198

Location

SCCPD

AS IV Serial no: 042311
Version no: 532C

TEST RECORD 00102

Temp Date Time ^{s/} 210L

Air Blank:
08/03/20 13:03 .000
Subject Test: Auto
23 08/03/20 13:03 .000

Subject Name

SELF TEST

Subject I.D.

1

Operator Name, I.D.

~~RAV 663~~ 200198

Location

SCCPD