



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

RECEIVED
By Tracy Crews at 9:35 am, May 11, 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 111743	PRINTER SN 09B.3589.517	DATE OF INSPECTION 05/06/2020
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LOCATION OF INSTRUMENT (STREET AND CITY) 115 E. 69 Highway, Claycomo, MO 64119	TIME OF INSPECTION 9:30 am
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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>AG912204</u> EXP. DATE <u>05/02/2021</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)

<input checked="" type="checkbox"/> 0.100% STANDARD - MUST READ BETWEEN 0.095% and 0.105% INCLUSIVE
<input type="checkbox"/> 0.080% STANDARD - MUST READ BETWEEN 0.076% and 0.084% INCLUSIVE
<input type="checkbox"/> 0.040% STANDARD - MUST READ BETWEEN 0.038% and 0.042% INCLUSIVE

TEST 1 → .101	TEST 2 → .104	TEST 3 → .104
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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).

Instrument operating within MO DOHSS standards and guidelines.

INSPECTING OFFICER	
SIGNATURE 	PRINT NAME P.O. Jason A. Lederer
TYPE II PERMIT NUMBER/EXPIRATION DATE 290190 / 08/28/2021	TELEPHONE NUMBER (616) 452-4613

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

AS IV Serial no: 111743
Version no: 532B

TEST RECORD 00512

Temp Date Time ^{g/} 210L

Air Blank:
05/06/20 09:36 .000
Calibration check:
24 05/06/20 09:36 .104

Subject Name

TEST #1

Subject I.D.

Operator Name, I.D.

Location

AS IV Serial no: 111743
Version no: 532B

TEST RECORD 00513

Temp Date Time ^{g/} 210L

Air Blank:
05/06/20 09:37 .000
Calibration check:
25 05/06/20 09:37 .104

Subject Name

TEST #2

Subject I.D.

Operator Name, I.D.

Location

AS IV Serial no: 111743
Version no: 532B

TEST RECORD 00514

Temp Date Time ^{g/} 210L

Air Blank:
05/06/20 09:41 .000
Calibration check:
26 05/06/20 09:41 .101

Subject Name

TEST #3

Subject I.D.

Operator Name, I.D.

Location

AS IV Serial no: 111743
Version no: 532B

TEST RECORD 00515

Temp Date Time ^{g/} 210L

Air Blank:
05/06/20 09:43 .000
Subject Test: Auto
27 05/06/20 09:43 .000

Subject Name

SAMPLE TEST

Subject I.D.

Operator Name, I.D.

LODGE #118/162

Location

PERMIT #290190

EXP DATE 08/26/2021

AS IV Serial no: 111743
Version no: 532B

TEST RECORD 00516

Temp Date Time ^{g/} 210L

VOID: RFI
12 05/06/20 09:46

Subject Name

RFI CHECK

Subject I.D.

Operator Name, I.D.

Location



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: 6-May-2019

Lot # AG912204 Model 108cadd

Exp. Date	Cyl. Type	Component	Certified Concentration
2-May-2021	108	Ethanol Nitrogen	0.100 ± 2% BrAC (272 ppm) Balance

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

<u>RGM Serial No.</u>	<u>Concentration</u>	<u>RGM Serial No.</u>	<u>Concentration</u>
EB0010581	392.1 ppm	EB0010603	393.0 ppm
EB0010570	259.8 ppm	EB0010559	258.2 ppm
EB0010285	208.0 ppm	EB0010595	208.3 ppm
EB0010561	103.6 ppm	EB0010562	104.2 ppm
EB0010681	52.12 ppm	EB0010579	52.81 ppm

<u>CRM Serial No.</u>	<u>Concentration</u>	<u>CRM Serial No.</u>	<u>Concentration</u>
CC434668	800.0 ppm	0056640	390.1 ppm
CC234503	253.0 ppm	0056662	150.2 ppm

Analytical Method: NDIR

Digitally signed by Quality Control
 Date: 2019.05.17 12:35:24 -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



**PERMIT
TYPE II**

JASON A LEDERER

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 308.111 through 308.119 RSMo.

DATE 8/26/2019

NUMBER 290190

EXPIRES 8/26/2021

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

MQ,58Q-0771 (8-10)

LAB-4 (16-10)

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 LEDERER, JASON
Permit No 290190
Date issued 8/26/2019 Date Expires 8/26/2021