



MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES
STATE PUBLIC HEALTH LABORATORY

ALCO-SENSOR IV WITH PRINTER MAINTENANCE REPORT

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 062087	PRINTER SN 03A.2436.034	DATE OF INSPECTION 08/04/2021
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LOCATION OF INSTRUMENT (STREET AND CITY) 4001 NE Lakewood Court, Lee's Summit, MO 64064	TIME OF INSPECTION 9:45 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>AG006306</u> EXP. DATE <u>03/03/2022</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 ➡ .101	TEST 2 ➡ .101	TEST 3 ➡ .101
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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 meets all DHSS standards and guidelines.

INSPECTING OFFICER

SIGNATURE 	PRINT NAME DUSTIN B. LOVE
TYPE II PERMIT NUMBER/EXPIRATION DATE 200052- 01/10/2022	TELEPHONE NUMBER (816) 795-1960

Return completed report to the: Breath Alcohol Program, MO Department of Health and Senior Services, Southeast District Office
2875 James Boulevard
Ponlar Bluff MO 63901

AS IV Serial no: 062087
Version no: 532B

TEST RECORD 00996 ^{g/L}
Temp Date Time 21:45 21:0L

Air Blank: 08/04/21 21:45 .000
Calibration Check: 25 08/04/21 21:45 .101

Subject Name
Monthly Maint.
Subject I.D.

Operator Name, I.D.
Dep. D.B. Love #61
Location

JCSO - G HQ
DHSS #20052

AS IV Serial no: 062087
Version no: 532B

TEST RECORD 00997 ^{g/L}
Temp Date Time 21:48 21:0L

Air Blank: 08/04/21 21:48 .000
Calibration Check: 26 08/04/21 21:48 .101

Subject Name
Monthly Maint
Subject I.D.

Operator Name, I.D.
Dep. D.B. Love #61
Location

JCSO - G HQ
DHSS #20052

AS IV Serial no: 062087
Version no: 532B

TEST RECORD 00998 ^{g/L}
Temp Date Time 21:51 21:0L

Air Blank: 08/04/21 21:51 .000
Calibration Check: 27 08/04/21 21:51 .101

Subject Name
Monthly Maint.
Subject I.D.

Operator Name, I.D.
Dep. D.B. Love #61
Location

JCSO - G HQ
DHSS #20052

AS IV Serial no: 062087
Version no: 532B

TEST RECORD 00999 ^{g/L}
Temp Date Time 21:52 21:0L

VOID: RFI
12 08/04/21 21:52

Subject Name
Monthly Maint.
Subject I.D.

Operator Name, I.D.
Dep. D.B. Love #61
Location

JCSO - G HQ
DHSS #20052



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: 4-Mar-2020

Lot # AG006306 Model 108cadd

<u>Exp. Date</u> 3-Mar-2022	<u>Cyl. Type</u> 108	<u>Component</u> Ethanol Nitrogen	<u>Certified Concentration</u> 0.100 ± 2% BrAC (272 ppm) Balance
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Certification Traceable to N.I.S.T. RGM and to CRM Ethanol Standards:

<u>RGM Serial No.</u> EB0010581 EB0010570 EB0010285 EB0010561 EB0010681	<u>Concentration</u> 392.1 ppm 259.8 ppm 208.0 ppm 103.6 ppm 52.12 ppm	<u>RGM Serial No.</u> EB0010603 EB0010559 EB0010595 EB0010562 EB0010579	<u>Concentration</u> 393.0 ppm 258.2 ppm 208.3 ppm 104.2 ppm 52.81 ppm
<u>CRM Serial No.</u> CC434668 CC234503	<u>Concentration</u> 800.0 ppm 253.0 ppm	<u>CRM Serial No.</u> 0056649 0056662	<u>Concentration</u> 390.1 ppm 150.2 ppm

Analytical Method: **NDIR**

Digitally signed by Quality Control
 Date: 2020.03.05 13:27:24 -06:00
 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