



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 097411	PRINTER SN 03A.2436.096	DATE OF INSPECTION 09/08/2021
LOCATION OF INSTRUMENT (STREET AND CITY) 4001 NE Lakewood Way Ct., Lee's Summit, Mo 64064		TIME OF INSPECTION 9:22 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 # AG006306 EXP. DATE 03-03-2022
- 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 ← .097	TEST 2 ← .098	TEST 3 ← .098
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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	4	(0-.04)	0	(.05-.09)	6	(.10-.14)	4	(.15-.19)	1	(OVER .19)
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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 guideline.

INSPECTING OFFICER	
SIGNATURE 	PRINT NAME Sean Plain
TYPE II PERMIT NUMBER/EXPIRATION DATE 200054 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
Poplar Bluff, MO 63901

NS 10 Serial no: 0974)
Version no: 592B

TEST RECORD 01122

Temp Date Time 2101

HR Blank

09/08/21 21:22 .000

Full flow check:
09/08/21 21:22 .000

Tested Temp

Monthly Maint.

Subject I.D.

Operator Name: I.D.

Top. & Flan #107

Location

UCSO GHG

NS 10 Serial no: 0974)
Version no: 592B

TEST RECORD 01123

Temp Date Time 2101

HR Blank

09/08/21 21:24 .000

Full flow check:
09/08/21 21:24 .000

Subject Name

Monthly Maint.

Subject I.D.

Operator Name: I.D.

Top. & Flan #107

Location

GHG UCSO

NS 10 Serial no: 0974)
Version no: 592B

TEST RECORD 01124

Temp Date Time 2101

HR Blank

09/08/21 21:26 .000

Full flow check:
09/08/21 21:26 .000

Subject Name

Monthly Maint.

Subject I.D.

Operator Name: I.D.

Top. & Flan #107

Location

UCSO GHG

NS 10 Serial no: 0974)
Version no: 592B

TEST RECORD 01125

Temp Date Time 2101

HR RPI

12 09/08/21 21:28

Subject Name

Monthly Maint.

Subject I.D.

Operator Name: I.D.

Top. & Flan #107

Location

UCSO GHG



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

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

<table border="0"> <tr> <th><u>RGM Serial No.</u></th> <th><u>Concentration</u></th> </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> <th><u>RGM Serial No.</u></th> <th><u>Concentration</u></th> </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
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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

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
SEAN PLAIN

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 1/10/2020

NUMBER 200054

EXPIRES 1/10/2022

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 PLAIN, SEAN
Permit No 200054
Date Issued 1/10/2020 Date Expires 1/10/2022

03A.2436.096