



MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES  
STATE PUBLIC HEALTH LABORATORY

**ALCO-SENSOR IV WITH PRINTER MAINTENANCE REPORT**

RECEIVED  
BY: [Name] ON: [Date]

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 12/09/2020
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LOCATION OF INSTRUMENT (STREET AND CITY) 4001 NE Lakewood Court	TIME OF INSPECTION 11:15 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) 24°
- 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 <u>.101</u>	TEST 2 <u>.100</u>	TEST 3 <u>.100</u>
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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 Dep. S. Plain #101
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

AS IV Serial no: 062087  
Version no: 532B

TEST RECORD 00953

Temp Date Time 210L

VOID: RFI  
12 12/09/20 23:15

Subject Name

*Month. Maint.*

Subject I.D.

—

Operator Name, I.D.

*Rep. S. Plain 101*

Location

*JESO 610*

AS IV Serial no: 062087  
Version no: 532B

TEST RECORD 00954

Temp Date Time 210L

Air Blank:  
12/09/20 23:17 .000  
Calibration Check:  
24 12/09/20 23:17 .101

Subject Name

*Month. Maint.*

Subject I.D.

—

Operator Name, I.D.

*Rep. S. Plain #101*

Location

*JESO 610*

AS IV Serial no: 062087  
Version no: 532B

TEST RECORD 00955

Temp Date Time 210L

Air Blank:  
12/09/20 23:20 .000  
Calibration Check:  
25 12/09/20 23:20 .100

Subject Name

*Month. Maint.*

Subject I.D.

—

Operator Name, I.D.

*Rep. S. Plain #101*

Location

*JESO 610*

AS IV Serial no: 062087  
Version no: 532B

TEST RECORD 00956

Temp Date Time 210L

Air Blank:  
12/09/20 23:23 .000  
Calibration Check:  
26 12/09/20 23:23 .100

Subject Name

*Month. Maint.*

Subject I.D.

—

Operator Name, I.D.

*Rep. S. Plain #101*

Location

*JESO 610*



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 108cacd**

<u>Exp. Date</u>	<u>Cyl. Type</u>	<u>Component</u>	<u>Certified Concentration</u>
3-Mar-2022	108	Ethanol	0.100 ± 2% BrAC (272 ppm)
		Nitrogen	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	0056649	390.1 ppm
CC234503	253.0 ppm	0056662	150.2 ppm

Analytical Method: NDIR

Digitally signed by Quality Control  
Date: 2020.03.05 13:27:24 -08:00  
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