



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 034874	PRINTER SN 08C.3527.093	DATE OF INSPECTION 03/25/2024
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LOCATION OF INSTRUMENT (STREET AND CITY) SCCDOC/301 N. SECOND ST, ST CHARLES 63301	TIME OF INSPECTION 6:19 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
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STANDARD SUPPLIER Intoximeters LOT # AG313002 EXP. DATE 05/10/2025

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 • .102	TEST 2 • .102	TEST 3 • .102
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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 1131	PRINT NAME Piant Jr, Jeffery
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TYPE II PERMIT NUMBER/EXPIRATION DATE 230051/03/27/2025	TELEPHONE NUMBER (636) 949-3000
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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: 034874
Version no: 532C

TEST RECORD 00351

Temp Date Time ^{g/} 210L

Air Blank:
03/25/24 06:19 .000
Calibration Check:
18 03/25/24 06:19 .102

Subject Name

Test

Subject I.D.

1

Operator Name, I.D.

Piant 230051

Location SCCDOC

SCCDOC

AS IV Serial no: 034874
Version no: 532C

TEST RECORD 00352

Temp Date Time ^{g/} 210L

Air Blank:
03/25/24 06:21 .000
Calibration Check:
18 03/25/24 06:21 .102

Subject Name

Test

Subject I.D.

2

Operator Name, I.D.

Piant 230051

Location

SCCDOC

AS IV Serial no: 034874
Version no: 532C

TEST RECORD 00353

Temp Date Time ^{g/} 210L

Air Blank:
03/25/24 06:22 .000
Calibration Check:
19 03/25/24 06:22 .102

Subject Name

Test

Subject I.D.

3

Operator Name, I.D.

Piant 230051

Location

SCCDOC

AS IV Serial no: 034874
Version no: 532C

TEST RECORD 00354

Temp Date Time ^{g/} 210L

VOID: RFI
12 03/25/24 06:24

Subject Name

Test

Subject I.D.

RFI

Operator Name, I.D.

Piant 230051

Location

SCCDOC



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: 11-May-2023

Lot # AG313002 Model 108

Exp Date 10-May-2025	Cyl. Type 108	Component Ethanol Nitrogen	Certified Concentration 0.100 ± 2% BrAC (272 ppm)
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Certification Traceable to N.I.S.T. RGM and to CRM Ethanol Standards:

RGM Serial No.	Concentration	RGM Serial No.	Concentration
EB0010581	391.8 ppm	EB0010603	392.5 ppm
EB0010570	259.8 ppm	EB0010559	258.9 ppm
EB0010285	209.0 ppm	EB0010562	104.2 ppm
EB0010561	103.7 ppm	EB0010579	52.94 ppm
EB0010681	52.22 ppm		

CRM Serial No.	Concentration	CRM Serial No.	Concentration
CC727481	800.0 ppm	CC727493	390.0 ppm
CC727496	253.0 ppm	CC727498	150.0 ppm

Analytical Method: NDIR

Digitally signed by: Quality Control
 Reason: My gas standard certification of analysis
 Location: Airgas USA LLC (Lab)
 Date: 05.11.2023 21:07

Approved for Release: _____

Rod Marsala

ISO 17025:2017 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

JEFFERY PIANT JR.

is hereby authorized to instruct and supervise operators, train instructors, inspect, calibrate, perform field service, and repair, and operate the following breath analyzer(s):

ALCO-SENSOR IV WITH PRINTER

for the determination of the alcoholic content of breath from a sample of expired air permitted under the provisions of sections 57.020 through 57.024, RSMo and 566.171 through 566.174, RSMo.

DATE 3/27/2023

NUMBER 230051

EXPIRES 3/27/2025

MOUSE 0001 75 00

M. L. Morgan

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

David L. Williams

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

LAB-101010



STATE OF MISSOURI
DEPARTMENT OF HEALTH AND SENIOR SERVICES
BREATH ALCOHOL PROGRAM

INSTRUMENT OPERATOR CARD

The named operator is authorized to operate an evidential breath alcohol instrument for the determination of the alcoholic content in breath from expired air in Missouri.

Operator PIANT JR., JEFFERY

Permit No 230051

Date Issued 3/27/2023 Date Expires 3/27/2025

