



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 035484	PRINTER SN 096.9580.926	DATE OF INSPECTION 03/25/2024
LOCATION OF INSTRUMENT (STREET AND CITY) SCCDOC/301 N. Second St. St Charles		TIME OF INSPECTION 6:19 am

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 # 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 ← .098	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	0	(0-.04)	0	(.05-.09)	1	(.10-.14)	1	(.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
TYPE II PERMIT NUMBER/EXPIRATION DATE 230051/03/27/2025	TELEPHONE NUMBER (636) 949-3000

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: 035484
Version no: 532C

TEST RECORD 00409

Temp Date Time ^{a/} 210L

Air Blank:
03/25/24 06:19 .000
Calibration Check:
21 03/25/24 06:19 .098

Subject Name

Test

Subject I.D.

1

Operator Name, I.D.

Piant 230051

Location

SCCDOC

AS IV Serial no: 035484
Version no: 532C

TEST RECORD 00410

Temp Date Time ^{a/} 210L

Air Blank:
03/25/24 06:21 .000
Calibration Check:
21 03/25/24 06:21 .098

Subject Name

Test

Subject I.D.

2

Operator Name, I.D.

Piant 230051

Location

SCCDOC

AS IV Serial no: 035484
Version no: 532C

TEST RECORD 00411

Temp Date Time ^{a/} 210L

Air Blank:
03/25/24 06:23 .000
Calibration Check:
21 03/25/24 06:23 .098

Subject Name

Test

Subject I.D.

3

Operator Name, I.D.

Piant 230051

Location

SCCDOC

AS IV Serial no: 035484
Version no: 532C

TEST RECORD 00412

Temp Date Time ^{a/} 210L

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

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
CG727481	800.0 ppm	CG727493	390.0 ppm
CG727496	253.0 ppm	CG727498	150.0 ppm

Analytical Method: NDIR

Digitally signed by: Quality Control
 Reason: Dry 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 services, 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 exhaled air as provided under the provisions of sections 557.020 through 557.044, RSMo and 557.110 through 557.119, RSMo.

DATE: 3/27/2023

NUMBER 230051

EXPIRES 3/27/2025

MOSES027419-009

M. L. ...

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

David L. ...

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 cardholder is authorized to operate an evidential breath alcohol instrument for the determination of the alcoholic content in breath from a suspect in Missouri.

Operator PIANT JR, JEFFERY

Permit No 230051

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

