



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 09/02/2023
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LOCATION OF INSTRUMENT (STREET AND CITY) SCCPD / 101 Sheriff Dierker Court, O'Fallon, Missouri 63366	TIME OF INSPECTION 6:43 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

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 ➡ .103

TEST 2 ➡ .104

TEST 3 ➡ .103

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)	2
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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 # 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

16 IU Serial no: 834874
Version no: 5320

TEST RECORD 88286

Time Date Time 2100

Air Blank:
09/02/23 06:43 .600
Calibration Check:
21 09/02/23 06:43 .100

Subject Name

Test

Subject I.D.

1

Operator Name, I.D.

Piant 230051

Location

SCCPD

16 IU Serial no: 834874
Version no: 5320

TEST RECORD 88287

Time Date Time 2100

Air Blank:
09/02/23 06:45 .300
Calibration Check:
21 09/02/23 06:45 .100

Subject Name

Test

Subject I.D.

2

Operator Name, I.D.

Piant 230051

Location

SCCPD

16 IU Serial no: 834874
Version no: 5320

TEST RECORD 88288

Time Date Time 2101

Air Blank:
09/02/23 06:47 .300
Calibration Check:
21 09/02/23 06:47 .100

Subject Name

Test

Subject I.D.

3

Operator Name, I.D.

Piant 230051

Location

SCCPD

16 IU Serial no: 834874
Version no: 5320

TEST RECORD 88289

Time Date Time 2150

VOID: RFI
12 09/02/23 00:49

Subject Name

Test

Subject I.D.

RFI

Operator Name, I.D.

Piant 230051

Location

SCCPD



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: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

AS-IV with Printer Monthly Log

AS-IV Serial # 034874		Printer Serial # 08C3527.097		Assigned Location: D Platoon			
Maintenance Date	Time	Type/Permit	Location of Maintenance	Test #1	Test #2	Test #3	
7/26/2023	20:41	P.O. Plant / 210053	St. Charles County PD	0.098	0.097	0.097	
Date	Time	Suspect Name	Arrest Location	Arresting Officer	Testing Officer	BAC Result	Report #
8/5/2023	1130	Heffner Joshua	Zumbohl @ D Clay	Plant	Plant	.221	23-04181
8/16/2023	11020		old carbon rd	T. Chacevick	Plant	.273	

AS-IV Serial # 034874
 Printer Serial # 08C3527.097

Test Results:

08270 Calibration Checks
 34 87/26/23 20:41 .898
 89.8 Lit. 89.8 Sec.

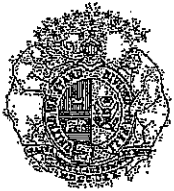
08279 Calibration Checks
 34 87/26/23 20:43 .897
 89.8 Lit. 89.8 Sec.

08280 Calibration Checks
 33 87/26/23 20:45 .897
 89.8 Lit. 89.8 Sec.

08291 VOYU RTI
 12 87/26/23 20:47
 89.8 Lit. 89.8 Sec.

08282 Subject Test: Auto
 29 08/15/23 11:00 .221
 87.3 Lit. 83.6 Sec.

08283 Subject Test: Auto
 25 08/13/23 16:26 .273
 82.7 Lit. 84.5 Sec.



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 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 577.044, RSMo and 806.111 through 806.119 RSMo.

DATE 3/27/2023

NUMBER 230051

EXPIRES 3/27/2025

Mike Morgan

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

Paula J. Nielsen

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

MOSS-0771 (8-10)

LAB-4 (08-10)

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 PIANT JR., JEFFERY
Permit No 230051
Date Issued 3/27/2023 Date Expires 3/27/2025

