



ALCO-SENSOR IV WITH PRINTER MAINTENANCE REPORT

RECEIVED

By Tracy Crews at 10:29 am, Aug 10, 2023

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 087959	PRINTER SN 210639922	DATE OF INSPECTION 07/26/2023
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LOCATION OF INSTRUMENT (STREET AND CITY) SCCPD / 101 Sheriff Dierker Court, O'Fallon, Missouri 63366	TIME OF INSPECTION 9:33 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)

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 • .104	TEST 2 • .103	TEST 3 • .103
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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)	1	(.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 	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



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 577.041, RSMo and 806.111 through 806.119 RSMo.

DATE 3/27/2023

NUMBER 230051

EXPIRES 3/27/2025

Mick Morgan

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

Daniel J. Nicholson

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

LAB-4 (8-10)

MQ580-0771 (8-10)



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





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 Serial no: 087959
Version no: 532B

TEST RECORD 00483

Temp Date Time 21^{9/}OL

Air Blank:
07/26/23 21:33 .000
Calibration Check:
23 07/26/23 21:33 .104

Subject Name
Test

Subject I.D.
1

Operator Name, I.D.
Piant 230057

Location
SECPD

AS IV Serial no: 087959
Version no: 532B

TEST RECORD 00484

Temp Date Time 21^{9/}OL

Air Blank:
07/26/23 21:36 .000
Calibration Check:
24 07/26/23 21:36 .103

Subject Name
Test

Subject I.D.
2

Operator Name, I.D.
Piant 230057

Location
SECPD

AS IV Serial no: 087959
Version no: 532B

TEST RECORD 00485

Temp Date Time 21^{9/}OL

Air Blank:
07/26/23 21:39 .000
Calibration Check:
24 07/26/23 21:39 .103

Subject Name
Test

Subject I.D.
3

Operator Name, I.D.
Piant 230057

Location
SECPD

AS IV Serial no: 087959
Version no: 532B

TEST RECORD 00486

Temp Date Time 21^{9/}OL

VOID: RFI
12 07/26/23 21:41

Subject Name
Test

Subject I.D.
RFI

Operator Name, I.D.
Piant 230057

Location
SECPD

AS-IV with Printer Monthly Log

AS-IV Serial # 087959		Printer Serial # 210639922		Assigned Location: D Platoon		
Maintenance Date	Time	Type/Permit	Location of Maintenance	Test #1	Test #2	Test #3
6/29/2023	3:44	P.O. Plant / 230051	St. Charles County PD	0.103	0.103	0.103
07/22/2023	1453	Beard, Jacob	Missouri State Park	Shook	Shook	23-03921
<p>AS-IV Serial no: 087959 Version no: 532B</p> <p>Last Calibration: 05/30/22 06:40 .080</p> <p>Test Results:</p> <p>00472 Calibration Check: 22 06/29/23 03:44 .103 00.0 Lit. 00.0 Sec.</p> <p>00473 Calibration Check: 23 06/29/23 03:46 .103 00.0 Lit. 00.0 Sec.</p> <p>00474 Calibration Check: 24 06/29/23 03:49 .103 00.0 Lit. 00.0 Sec.</p> <p>00475 VOID: RFI 12 06/29/23 03:51 00.0 Lit. 00.0 Sec.</p> <p>00476 VOID: NO SAMP 4 07/22/23 14:05 00.0 Lit. 00.0 Sec.</p> <p>00477 Subject Test: Auto 33 07/22/23 14:08 .008 01.5 Lit. 03.0 Sec.</p> <p>00478 Subject Test: Auto 39 07/22/23 14:56 .000 02.1 Lit. 04.8 Sec.</p> <p>00479 Subject Test: Auto 39 07/22/23 14:57 .000 01.5 Lit. 03.2 Sec.</p> <p>00480 Subject Test: Auto 32 07/22/23 18:43 .000 03.5 Lit. 04.2 Sec.</p> <p>00481 VOID: TIME OUT 5 07/23/23 18:39 00.0 Lit. 00.0 Sec.</p> <p>00482 Subject Test: Auto 29 07/23/23 18:41 .000 02.8 Lit. 04.0 Sec.</p>						