



MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES
STATE PUBLIC HEALTH LABORATORY
ALCO-SENSOR IV WITH PRINTER MAINTENANCE REPORT

RECEIVED
By Tracy Crews at 8:39 am, Apr 03, 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 043580	PRINTER SN 84.9324.045	DATE OF INSPECTION 03/31/2023
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LOCATION OF INSTRUMENT (STREET AND CITY) SCCPD / 101 Sheriff Dierker Court, O'Fallon, Missouri 63366	TIME OF INSPECTION 9:11 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 # AG109701 EXP. DATE 04/07/2023

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 .077

TEST 2 .077

TEST 3 .077

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)	4	(.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 Jeffery Piant Jr
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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: 043580
Version no: 532C

TEST RECORD 00547

Temp Date Time 210L

Air Blank:
03/31/23 09:11 .000
Calibration Check:
25 03/31/23 09:11 .077

Subject Name

Test 1

Subject I.D.

Operator Name, I.D.

P.O. Plant 230057
Location SCCPD
230057

AS IV Serial no: 043580
Version no: 532C

TEST RECORD 00548

Temp Date Time 210L

Air Blank:
03/31/23 09:13 .000
Calibration Check:
26 03/31/23 09:13 .077

Subject Name

Test 2

Subject I.D.

Operator Name, I.D.

Plant 230057
Location SCCPD

AS IV Serial no: 043580
Version no: 532C

TEST RECORD 00549

Temp Date Time 210L

Air Blank:
03/31/23 09:15 .000
Calibration Check:
26 03/31/23 09:15 .077

Subject Name

Test 3

Subject I.D.

Operator Name, I.D.

Plant 230057
Location SCCPD

AS IV Serial no: 043580
Version no: 532C

TEST RECORD 00550

Temp Date Time 210L

VOID: RFI
12 03/31/23 09:17

Subject Name

RFI

Subject I.D.

Operator Name, I.D.

Plant 230057

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: 7-Apr-2021

Lot # AG109701 Model 108cacc

Exp. Date
7-Apr-2023

Cyl. Type
108

Component
Ethanol
Nitrogen

Certified Concentration
0.082 ± 0.002 BrAC (223 ppm)
Balance

Certification Traceable to N.I.S.T. RGM and to CRM Ethanol Standards:

RGM Serial No.
EB0010581
EB0010570
EB0010285
EB0010561
EB0010681

Concentration
392.1 ppm
259.8 ppm
206.0 ppm
103.6 ppm
52.12 ppm

RGM Serial No.
EB0010603
EB0010559
EB0010595
EB0010562
EB0010579

Concentration
393.0 ppm
258.2 ppm
208.3 ppm
104.2 ppm
52.81 ppm

CRM Serial No.
CC727481
CC727496

Concentration
800.0 ppm
253.0 ppm

CRM Serial No.
CC727493
CC727498

Concentration
390.0 ppm
150.0 ppm

Analytical Method: NDIR

Digitally signed by Quality Control
Date: 2021.04.07 17:42:01 -05:00
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



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 306.111 through 306.119 RSMo.

DATE 3/27/2023

NUMBER 230051

EXPIRES 3/27/2025

Mike Mason

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

Paula I. Nickelson

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

MO 590-0771 (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 PIANT JR., JEFFERY
 Permit No 230051
 Date Issued 3/27/2023 Date Expires 3/27/2025

