



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

RECEIVED
 By Tracy Crews at 9:43 am, Jan 05, 2022

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 107989	NAME OF AGENCY FLORISSANT POLICE DEPARTMENT	DATE OF INSPECTION 01/04/2022
LOCATION OF INSTRUMENT (STREET AND CITY) 1700 US HWY 67		TIME OF INSPECTION 8:42 pm

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 # AG106001 EXP. DATE 03/01/2023
- SIMULATOR TEMPERATURE (34°C ± 0.2°C) SIM. SN SIM. NIST 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 ← .099	TEST 2 ← .098	TEST 3 ← .099
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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-.04) 0	(.05-.09)	(.10-.14)	(.15-.19)	(OVER .19)
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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).

Instrument functioning withing DHSS guidelines

INSPECTING OFFICER

SIGNATURE P.O. Michael Arthur, DSN 570	PRINT NAME P.O. Michael Arthur, DSN 570
TYPE II PERMIT NUMBER/EXPIRATION DATE 210152 08/04/2023	TELEPHONE NUMBER (314) 831-7000

Return completed report to the: Breath Alcohol Program, MO Department of Health and Senior Services, Southeast District Office by mail, fax, or email.

AS IV Serial no: 107989
Version no: 532B

TEST RECORD 01150

Temp	Date	Time	s/ 210L
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Air Blank:
01/04/22 20:40 .000
Calibration Check:
23 01/04/22 20:40 .099

Subject Name

Test #1

Subject I.D.

Operator Name, I.D.

PO. Michael Arthur, 570
Location

1700 N. Hwy 67

Florissant, mo 63033

AS IV Serial no: 107989
Version no: 532B

TEST RECORD 01151

Temp	Date	Time	s/ 210L
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Air Blank:
01/04/22 20:42 .000
Calibration Check:
24 01/04/22 20:42 .098

Subject Name

Test #2

Subject I.D.

Operator Name, I.D.

PO. Michael Arthur, 570
Location

1700 N. Hwy 67

Florissant, mo 63033

AS IV Serial no: 107989
Version no: 532B

TEST RECORD 01152

Temp	Date	Time	s/ 210L
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Air Blank:
01/04/22 20:44 .000
Calibration Check:
24 01/04/22 20:44 .099

Subject Name

Test #3

Subject I.D.

Operator Name, I.D.

PO. Michael Arthur, 570
Location

1700 N. Hwy 67

Florissant, mo 63033

AS IV Serial no: 107989
Version no: 532B

TEST RECORD 01153

Temp	Date	Time	s/ 210L
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VOID: RFI
12 01/04/22 20:46

Subject Name

RFI Test

Subject I.D.

Operator Name, I.D.

PO. Michael Arthur, 570
Location

1700 N. Hwy 67

Florissant, mo 63033



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: 2-Mar-2021

Lot # AG106001 Model 108caccd

Exp. Date

1-Mar-2023

Cyl. Type

108

Component

Ethanol
Nitrogen

Certified Concentration

0.100 ± 2% BrAC (272 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
208.0 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

Approved for Release:

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

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PERMIT
TYPE II
MICHAEL ARTHUR

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, INTOX EC/IR II

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 8/4/2021

NUMBER 210152

EXPIRES 8/4/2023

Laura Q. Day

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

Robt. Kuehl

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

MO 580-0771 (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 ARTHUR, MICHAEL
Permit No 210152
Date Issued 8/4/2021 **Date Expires** 8/4/2023

