



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

RECEIVED
 BY: Tracy D. Brown, M.D., M.P.H., J.D.
 06/28/2023

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 104293	NAME OF AGENCY Gladstone Police Department	DATE OF INSPECTION 06/28/2023
LOCATION OF INSTRUMENT (STREET AND CITY) 6435 N. Prospect Ave., Gladstone, MO 64119		TIME OF INSPECTION 10:45 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 # AG309502 EXP. DATE 04/05/2025

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 .098

TEST 2 .097

TEST 3 .098

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)	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
 Anthony P. Consiglio

TYPE II PERMIT NUMBER/EXPIRATION DATE
 230102 / 05/30/2025

TELEPHONE NUMBER
 (816) 423-5307

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

#2 P# 0915, 6540, 034

AS IV Serial no: 104293
Version no: 532B

TEST RECORD 01655
Temp Date Time 210L
a/

Air Blank: 06/28/23 10:49 .000
Calibration Check: 23 06/28/23 10:49 .098

Subject Name
TEST # 1
Subject I.D.

Operator Name, I.D.

Location
6435 N. Prospect Ave

Chilstone, MD

AS IV Serial no: 104293
Version no: 532B

TEST RECORD 01656
Temp Date Time 210L
a/

Air Blank: 06/28/23 10:51 .000
Calibration Check: 24 06/28/23 10:51 .097

Subject Name
TEST # 2
Subject I.D.

Operator Name, I.D.

Location
6435 N. Prospect Ave

Chilstone, MD

AS IV Serial no: 104293
Version no: 532B

TEST RECORD 01657
Temp Date Time 210L
a/

Air Blank: 06/28/23 10:53 .000
Calibration Check: 25 06/28/23 10:53 .098

Subject Name
TEST # 3
Subject I.D.

Operator Name, I.D.

Location
6435 N. Prospect Ave

Chilstone, MD

AS IV Serial no: 104293
Version no: 532B

TEST RECORD 01658
Temp Date Time 210L
a/

VOID: RFI
12 06/28/23 10:56

Subject Name
RFI Test
Subject I.D.

Operator Name, I.D.

Location
6435 N. Prospect Ave

Chilstone, MD



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: 5-Apr-2023

Lot # AG309502 **Model** 108

Exp Date 5-Apr-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:04.05.2023 17:55

Approved for Release: 
 Rod Marsala

ISO 17025:2017 A2LA accredited. Certificate Number 3082.06
ISO 17034:2016 A2LA accredited. Certificate Number 3082.07