



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

RECEIVED
 10/7/2023 10:09 am

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 030809	NAME OF AGENCY OVERLAND POLICE DEPARTMENT	DATE OF INSPECTION 10/02/2023
LOCATION OF INSTRUMENT (STREET AND CITY) 2410 Goodale Ave. Overland, MO 63114		TIME OF INSPECTION 10:09 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 Inc. LOT # AG313001 EXP. DATE 05/10/2025
- 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 → .098	TEST 3 → .098
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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)	(.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).

INSPECTING OFFICER

SIGNATURE 546	PRINT NAME Chris Schott
TYPE II PERMIT NUMBER/EXPIRATION DATE 220170 06/24/2024	TELEPHONE NUMBER (314) 428-1221

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: 0300009
Version no: 5028

TEST RECORD 01699

9/

Temp Date Time 21:01

Air Blank:

10/02/23 10:02 .000

Calibration Check:

24 10/02/23 10:02 .000

Subject Name

test 1

Subject I.D.

test 1

Operator Name: C. Scott SVL

C. Scott SVL

Location

2410 Goodale

Overland, no, 63114

AS IV Serial no: 0300009
Version no: 5028

TEST RECORD 01692

9/

Temp Date Time 21:01

Air Blank:

10/02/23 10:02 .000

Calibration Check:

25 10/02/23 10:02 .000

Subject Name

Test 2

Subject I.D.

Test 2

Operator Name: C. Scott SVL

C. Scott SVL

Location

2410 Goodale

Overland no, 63114

AS IV Serial no: 0300025
Version no: 5028

TEST RECORD 01691

9/

Temp Date Time 21:01

Air Blank:

10/02/23 10:04 .000

Calibration Check:

25 10/02/23 10:04 .000

Subject Name

test 3

Subject I.D.

test 3

Operator Name: C. Scott SVL

C. Scott SVL

Location

2410 Goodale

Overland no, 63114

AS IV Serial no: 0300009
Version no: 5028

TEST RECORD 01688

9/

Temp Date Time 21:01

UOID: RTI

12 10/02/23 10:29

Subject Name

RFI I

Subject I.D.

RFI I

Operator Name: C. Scott SVL

C. Scott SVL

Location

2410 Goodale

Overland, no, 63114



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: 10-May-2023

Lot # AG313001 Model 108

Exp Date	Cyl. Type	Component	Certified Concentration
10-May-2025	108	Ethanol Nitrogen	0.100 ± 2% BrAC (272 ppm)

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:05.15.2023 11:34

Approved for Release: 
 Rod Marsala

ISO 17025:2017 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

2

PERMIT
TYPE II
CHRIS D. SCHOTT

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 6/24/2022

Mike Mason

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

NUMBER 220170

Paula J. Nielsen

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

EXPIRES 6/24/2024

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 SCHOTT, CHRIS
Permit No 220170
Date Issued 6/24/2022 Date Expires 6/24/2024

