



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

RECEIVED
 BY Tracy Christensen at 7:59 am, June 21, 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 030809	NAME OF AGENCY OVERLAND POLICE DEPARTMENT	DATE OF INSPECTION 05/25/2023
LOCATION OF INSTRUMENT (STREET AND CITY) 2410 Goodale Ave. Overland, MO 63114		TIME OF INSPECTION 11:00 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 C. Schott 546	PRINT NAME Chris Schott
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TYPE II PERMIT NUMBER/EXPIRATION DATE 220170 06/24/2024	TELEPHONE NUMBER (314) 428-1221
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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: 0308003
Version no: 532B

TEST RECORD 01658 s/

Temp Date Time 2:02L
Air Blank: 05/25/23 11:16 .000
Calibration Check: 23 05/25/23 11:16 .000

Subject Name
test1

Subject I.D.
test 1

Operator Name, I.D.
C. Schott 546

Location
2410 Goodale

Overland, MO, 63114

AS IV Serial no: 0308003
Version no: 532B

TEST RECORD 01659 s/

Temp Date Time 2:21
Air Blank: 05/25/23 11:18 .000
Calibration Check: 24 05/25/23 11:18 .000

Subject Name
Test 2

Subject I.D.
Test 2

Operator Name, I.D.
C. Schott 546

Location
2410 Goodale

Overland, MO, 63114

AS IV Serial no: 0308003
Version no: 532B

TEST RECORD 01660 s/

Temp Date Time 2:42
Air Blank: 05/25/23 11:22 .000
Calibration Check: 24 05/25/23 11:22 .000

Subject Name
Test 3

Subject I.D.
Test 3

Operator Name, I.D.
C. Schott 546

Location
2410 Goodale

Overland, MO, 63114

AS IV Serial no: 0308003
Version no: 532B

TEST RECORD 01662 s/

Temp Date Time 2:52L
Air Blank: 05/25/23 11:22 .000
Calibration Check: 12 05/25/23 11:22

Subject Name
RFI!

Subject I.D.
RFI!

Operator Name, I.D.
C. Schott 546

Location
2410 Goodale

Overland MO, 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 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:05.15.2023 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



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

NUMBER 220170

EXPIRES 6/24/2024

Mike Masman

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

David J. Nicholson

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

