



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

RECEIVED
 BY: Tracy Drenth on 01/01/2023, 11:07 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 01/01/2023
LOCATION OF INSTRUMENT (STREET AND CITY) 2410 Goodale Ave. Overland, MO 63114		TIME OF INSPECTION 11:07 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 # AG123605 EXP. DATE 04/24/2023

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 .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-.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 	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: 030809
Version no: 532B

TEST RECORD 01594

Temp Date Time 210L
s/

Air Blank: 01/01/23 12:40 .000
Calibration Check: 19 01/01/23 12:40 .099

Subject Name
fest 1

Subject I.D.

fest 1

Operator Name, I.D.

Schott 546

Location

2410 Goodale

Overland, Mo, 63114

AS IV Serial no: 030809
Version no: 532B

TEST RECORD 01595

Temp Date Time 210L
s/

Air Blank: 01/01/23 12:42 .000
Calibration Check: 20 01/01/23 12:42 .098

Subject Name
fest 2

Subject I.D.

fest 2

Operator Name, I.D.

Schott 546

Location

2410 Goodale

Overland, Mo, 63114

AS IV Serial no: 030809
Version no: 532B

TEST RECORD 01596

Temp Date Time 210L
s/

Air Blank: 01/01/23 12:44 .000
Calibration Check: 20 01/01/23 12:44 .098

Subject Name
fest 3

Subject I.D.

fest 3

Operator Name, I.D.

Schott 546

Location

2410 Goodale

Overland, Mo, 63114

AS IV Serial no: 030809
Version no: 532B

TEST RECORD 01597

Temp Date Time 210L
s/

UO10: RFI
12 01/01/23 12:46

Subject Name

RFI 1

Subject I.D.

RFI 1

Operator Name, I.D.

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: 24-Aug-2021

Lot # AG123605 **Model** 34

Exp Date	Cyl. Type	Component	Certified Concentration
24-Apr-2023	34	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	392.1 ppm	EB0010603	393.0 ppm
EB0010570	259.8 ppm	EB0010559	258.2 ppm
EB0010285	208.0 ppm	EB0010595	208.3 ppm
EB0010561	103.6 ppm	EB0010562	104.2 ppm
EB0010681	52.12 ppm	EB0010579	52.81 ppm

CRM Serial No.	Concentration	CRM Serial No.	Concentration
CC434668	800.0 ppm	0056649	390.1 ppm
CC234503	253.0 ppm	0056662	150.2 ppm

Analytical Method: NDIR

Digitally signed by:Quality Control
Reason:Dry gas standard certification of analysis
Location:Airgas USA LLC (Lab)
Date:08.25.2021 18:52

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 Masson

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

Paula J. Nickelson

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

