



ALCO-SENSOR IV WITH PRINTER MAINTENANCE REPORT

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 11629	NAME OF AGENCY University of Missouri Police Department	DATE OF INSPECTION 05/20/2022
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LOCATION OF INSTRUMENT (STREET AND CITY) 901 Virginia Avenue, Columbia, MO 65211	TIME OF INSPECTION 9:46 am
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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

<input type="checkbox"/> SIMULATOR SOLUTION	<input checked="" type="checkbox"/> COMPRESSED ETHANOL-GAS MIXTURE
<input checked="" type="checkbox"/> STANDARD SUPPLIER <u>Intoximeters</u>	LOT # <u>AG021102</u> EXP. DATE <u>07/29/2022</u>
<input type="checkbox"/> 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 .080	TEST 2 .079	TEST 3 .079
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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	1	(0-.04)	0	(.05-.09)	0	(.10-.14)	3	(.15-.19)	0	(OVER .19)	2
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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 Kevin Stroer
TYPE II PERMIT NUMBER/EXPIRATION DATE #220139/ Expires 05/11/2024	TELEPHONE NUMBER (573) 882-7201

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: 111629
Version no: 532B

TEST RECORD 01237

Temp	Date	Time	s/ 210L
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Air Blank:
05/20/22 21:46 .000
Calibration Check:
19 05/20/22 21:46 .080

Subject Name

Maintenance Test 1

Subject I.D.

Kevin Stroer

Operator Name, I.D.

Permit # 220139

Location

901 Virginia Avenue,

Columbia, MO 65211

AS IV Serial no: 111629
Version no: 532B

TEST RECORD 01238

Temp	Date	Time	s/ 210L
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Air Blank:
05/20/22 21:50 .000
Calibration Check:
21 05/20/22 21:50 .079

Subject Name

Maintenance Test 2

Subject I.D.

Kevin Stroer

Operator Name, I.D.

Permit # 220139

Location

901 Virginia Avenue,

Columbia, MO 65211

AS IV Serial no: 111629
Version no: 532B

TEST RECORD 01239

Temp	Date	Time	s/ 210L
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Air Blank:
05/20/22 21:54 .000
Calibration Check:
21 05/20/22 21:54 .079

Subject Name

Maintenance Test 3

Subject I.D.

Kevin Stroer

Operator Name, I.D.

Permit # 220139

Location

901 Virginia Avenue,

Columbia, MO 65211

AS IV Serial no: 111629
Version no: 532B

TEST RECORD 01240

Temp	Date	Time	s/ 210L
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VOID: RFI
12 05/20/22 21:58

Subject Name

Maintenance Test RFI

Subject I.D.

Kevin Stroer

Operator Name, I.D.

Permit # 220139

Location

901 Virginia Avenue,

Columbia, MO 65211



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: 4-Aug-2020

Lot # AG021102 **Model** 108cacd

Exp. Date

29-Jul-2022

Cyl. Type

108

Component

Ethanol

Nitrogen

Certified Concentration

0.080 ± 0.002 BrAC (218 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.

CC434668

CC234503

Concentration

800.0 ppm

253.0 ppm

CRM Serial No.

0056649

0056662

Concentration

390.1 ppm

150.2 ppm

Analytical Method:

NDIR

Approved for Release:

Rod Marsala

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



PERMIT
TYPE II
KEVIN STROER

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

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 5/11/2022

NUMBER 220139

EXPIRES 5/11/2024

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

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 STROER, KEVIN
Permit No 220139
Date Issued 5/11/2022 **Date Expires** 5/11/2024