



MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES
 STATE PUBLIC HEALTH LABORATORY
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 100284	NAME OF AGENCY Columbia Police Department	DATE OF INSPECTION 03/15/2023
LOCATION OF INSTRUMENT (STREET AND CITY) 600 E. Walnut St Columbia		TIME OF INSPECTION 7:55 pm

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 # AG209701 EXP. DATE 04/07/2024
- 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 \blacklozenge .100	TEST 2 \blacklozenge .100	TEST 3 \blacklozenge .100
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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)	1	(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).

Monthly Maintenance

INSPECTING OFFICER

SIGNATURE <i>Mark D. Hoehne</i>	PRINT NAME Mark D. Hoehne
TYPE II PERMIT NUMBER/EXPIRATION DATE 220158 06/14/2024	TELEPHONE NUMBER (573) 874-7585

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: 100284
Version no: 532B

TEST RECORD 00368

Temp Date Time 210L

Air Blank:
03/15/73 19:55 .000
Calibration Check:
22 03/15/73 19:55 .100

Subject Name:

Test # 1

Subject I.D.

Hochne, Mark D. 2078
Operator Name: I.D.

Location

AS IV Serial no: 100284
Version no: 532B

TEST RECORD 00369

Temp Date Time 210L

Air Blank:
03/15/73 19:57 .000
Calibration Check:
23 03/15/73 19:57 .100

Subject Name:

Test # 2

Subject I.D.

Hochne, Mark D. 2078
Operator Name: I.D.

Location

AS IV Serial no: 100284
Version no: 532B

TEST RECORD 00370

Temp Date Time 210L

Air Blank:
03/15/73 20:00 .000
Calibration Check:
22 03/15/73 20:00 .100

Subject Name:

Test # 3

Subject I.D.

Hochne, Mark D. 2078
Operator Name: I.D.

Location

AS IV Serial no: 100284
Version no: 532B

TEST RECORD 00371

Temp Date Time 210L

NOISE 071
02 03/15/73 20:32

Subject Name:

RFI Check

Subject I.D.

Hochne, Mark D. 2078
Operator Name: I.D.

Location

AS IV Serial no: 100284
Version no: 532B

TEST RECORD 00372

Temp Date Time 210L

Air Blank:
03/15/73 20:03 .000
Subject Test: Auto
02 03/15/73 20:03 .000

Subject Name:

Self Test

Subject I.D.

Hochne, Mark D. 2078
Operator Name: I.D.

Location



Airgas USA LLC (LAB)
6600 Bernard Street
St. Louis, MO 63109
PH (314) 688-3100
FAX (314) 688-7328

Certificate of Analysis

Customer Name
Exclusive Supplier
Informetec, Inc.
2081 Craig Road
St. Louis, Mo 63146

Test Date: 11-Apr-2022

Lot # AG209701 Model 108

Exp Date: 7-Apr-2024 Cyl Type: 108 Component: Ethanol Nitrogen Certified Concentration: 0.100 ± 2% BrAO (272 ppm)

Certification Traceable to NIST, RGM and to CRM Ethanol Standards:

RGM Serial No.	Concentration	RGM Serial No.	Concentration
RB0010001	301.0 ppm	RB0010008	392.0 ppm
RB0010070	250.0 ppm	RB0010060	290.0 ppm
RB0010208	200.0 ppm	RB0010082	164.2 ppm
RB0010001	103.7 ppm	RB0010079	62.91 ppm
RB0010001	62.22 ppm		

CRM Serial No.	Concentration	CRM Serial No.	Concentration
CC727481	800.0 ppm	CC727498	290.0 ppm
CC727498	200.0 ppm	CC727480	160.0 ppm

Analytical Method: NDIR

Inductively coupled plasma optical emission spectrometry (ICP-OES) analysis performed using a PerkinElmer Optima 8000 spectrometer. Certificate of analysis issued on 11-Apr-2022 10:30

Approved for Release: Rod Mirzadeh
Rod Mirzadeh

ISO 17025:2017 AZLA not accredited. Certificate Number 3002.06
ISO 17034:2018 AZLA not accredited. Certificate Number 3002.07



STATE OF MISSOURI
DEPARTMENT OF HEALTH AND SENIOR SERVICES
BREATH ALCOHOL PROGRAM

2

PERMIT
TYPE II

MARK D HOEHNE

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 DMT

for the determination of the alcoholic content of blood from a sample of expired air. Permit issued under the provisions of sections 577.080 through 577.041, RSMo and 808.111 through 808.119 RSMo.

DATE 6/14/2022

Michelle Mays

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

NUMBER 220158

Dawn M. Johnson

COMMISSIONER OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

EXPIRES 6/14/2024

LAB-4 (10-18)

MO 609-6734 (0-10)

STATE OF MISSOURI
DEPARTMENT OF HEALTH AND SENIOR SERVICES
BREATH ALCOHOL PROGRAM

INSTRUMENT OPERATOR CARD

This permit authorizes the holder to operate and maintain breath alcohol analyzers for the determination of the alcoholic content of blood from a sample of expired air.

Operator: **HOEHNE, MARK**
 Number: **220158**
 Date Issued: **6/14/2022** Date Expires: **6/14/2024**

