



MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES
STATE PUBLIC HEALTH LABORATORY

ALCO-SENSOR IV WITH PRINTER MAINTENANCE REPORT

RECEIVED

By Tracy Crews at 7:30 am, Jan 18, 2023

RECEIVED

By Tracy Crews at 1:30 pm, Jan 17, 2023

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 087965	NAME OF AGENCY Cass County Sheriff's Office	DATE OF INSPECTION 01/17/2023
LOCATION OF INSTRUMENT (STREET AND CITY) 2501 W. Mechanic		TIME OF INSPECTION 10:07 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 Intoximeter LOT # AG134807 EXP. DATE 08/14/2023
- 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 .103	TEST 2 .103	TEST 3 .103
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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).

New Battery installed

INSPECTING OFFICER

SIGNATURE 	PRINT NAME James Rew
TYPE II PERMIT NUMBER/EXPIRATION DATE 220231 09/09/2024	TELEPHONE NUMBER (816) 380-5200

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: 087965
Version no: 532B

TEST RECORD 00615

Temp Date Time 210L

Air Blank:
01/17/23 10:17 .000
Calibration Check:
19 01/17/23 10:17 .103

Subject Name

Test 2

Subject I.D.

Operator Name, I.D. 9/9/24

Rew 563 220231

Location

2501 W. Mehanic

AS IV Serial no: 087965
Version no: 532B

TEST RECORD 00616

Temp Date Time 210L

Air Blank:
01/17/23 10:19 .000
Calibration Check:
20 01/17/23 10:19 .103

Subject Name

Test 2

Subject I.D.

Operator Name, I.D. 9/9/24

Rew 563 220231

Location

2501 W. Mehanic

AS IV Serial no: 087965
Version no: 532B

TEST RECORD 00617

Temp Date Time 210L

Air Blank:
01/17/23 10:21 .000
Calibration Check:
20 01/17/23 10:21 .103

Subject Name

Test 3

Subject I.D.

Operator Name, I.D. 9/9/24

Rew 563 220231

Location

2501 W. Mehanic

AS IV Serial no: 087965
Version no: 532B

TEST RECORD 00618

Temp Date Time 210L

UCID: RFI
12 01/17/23 10:23

Subject Name

RFI

Subject I.D.

Operator Name, I.D. 9/9/24

Rew 563 220231

Location

2501 W. Mehanic



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: 14-Dec-2021

Lot # AG134807 Model 34

Exp Date	Cyl. Type	Component	Certified Concentration
14-Aug-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: 12.16.2021 14:38

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
JAMES N. REW

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 9/9/2022

NUMBER 220231

EXPIRES 9/9/2024

Laura Q. Way

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

Donald A. Korman

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES