



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 087965	NAME OF AGENCY Cass County Sheriff's Office	DATE OF INSPECTION 06/30/2022
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LOCATION OF INSTRUMENT (STREET AND CITY) 2501 W. Mechanic, Harrisonville	TIME OF INSPECTION 9:02 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 Intoximeters	LOT # AG134807 EXP. DATE 08/17/2023
<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 ← 1.00	TEST 2 ← 1.00	TEST 3 ← 1.00
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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	(0-.04)	0	(.05-.09)	0	(.10-.14)	(.15-.19)	0	(OVER .19)	0
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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).
Time adjusted for daylight savings time

INSPECTING OFFICER

SIGNATURE 	PRINT NAME James N. Rew #563
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TYPE II PERMIT NUMBER/EXPIRATION DATE 200255 / 09/24/2022	TELEPHONE NUMBER (816) 380-5200
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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: 087965
Version no: 532B

TEST RECORD 00539

Temp	Date	Time	s/	210L
	06/30/22	09:44	.000	
	21	06/30/22	09:44	.100

Air Blank:
06/30/22 09:44 .000
Calibration Check:
21 06/30/22 09:44 .100

Subject Name

Test 1

Subject I.D.

Operator Name, I.D.

Rew 200255 09/24/2022

Location

2501 W. Mechanic

AS IV Serial no: 087965
Version no: 532B

TEST RECORD 00540

Temp	Date	Time	s/	210L
	06/30/22	09:46	.000	
	22	06/30/22	09:46	.100

Air Blank:
06/30/22 09:46 .000
Calibration Check:
22 06/30/22 09:46 .100

Subject Name

Test 2

Subject I.D.

Operator Name, I.D.

Rew 200255 09/24/2022

Location

2501 W. Mechanic

AS IV Serial no: 087965
Version no: 532B

TEST RECORD 00541

Temp	Date	Time	s/	210L
	06/30/22	09:48	.000	
	23	06/30/22	09:48	.100

Air Blank:
06/30/22 09:48 .000
Calibration Check:
23 06/30/22 09:48 .100

Subject Name

Test 3

Subject I.D.

Operator Name, I.D.

Rew 563 200255 09/24/22

Location

2501 W. Mechanic

AS IV Serial no: 087965
Version no: 532B

TEST RECORD 00542

Temp	Date	Time	s/	210L
	06/30/22	09:50		

VOID: RFI
12 06/30/22 09:50

Subject Name

RFI

Subject I.D.

Operator Name, I.D.

Rew 200255 09/24/2022

Location

2501 W. Mechanic

AS IV Serial no: 087965
Version no: 532B

TEST RECORD 00543

Temp	Date	Time	s/	210L
	06/30/22	09:51	.000	
	23	06/30/22	09:51	.000

Air Blank:
06/30/22 09:51 .000
Subject Test: Auto
23 06/30/22 09:51 .000

Subject Name

Blank test

Subject I.D.

Operator Name, I.D.

Rew 563 200255 09/24/22

Location

2501 W. Mechanic



Airgas USA LLC (LAB)
3500 Bernard Street
St. Louis, Mo. 63103
Ph: (314) 533-3100
Fax: (314) 533-7328

Certificate of Analysis

Test Date: 14-Dec-2021

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

Lot # AG134807 **Model** 34

Exp Date 14-Aug-2023
Cyl. Type 34
Component Ethanol
Nitrogen
Certified Concentration
0.100 ± 2% BrAC (272 ppm)

Certification Traceable to N.I.S.T. RGM and to CRM Ethanol Standards:

RGM Serial No.	Concentration
EB0010581	392.1 ppm
EB0010570	259.8 ppm
EB0010285	208.0 ppm
EB0010561	103.6 ppm
EB0010681	52.12 ppm

RGM Serial No.	Concentration
EB0010603	393.0 ppm
EB0010559	258.2 ppm
EB0010595	208.3 ppm
EB0010562	104.2 ppm
EB0010579	52.81 ppm

CRM Serial No.	Concentration
CC434668	800.0 ppm
CC234503	253.0 ppm

CRM Serial No.	Concentration
0056649	390.1 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 14:30

Approved for Release: Rod Marsala
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

2

**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 9/24/2020

NUMBER 200255

EXPIRES 9/24/2022

MO 580-0771 (6-10)

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES
 LAB-4 (R6-10)



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

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DATE 9/24/2020

NUMBER 200255

EXPIRES 9/24/2022

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DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES
 LAB-4 (R6-10)