



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 104658	NAME OF AGENCY Missouri State Highway Patrol	DATE OF INSPECTION 04/09/2023
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LOCATION OF INSTRUMENT (STREET AND CITY) 3101 Miller Street, Bethany, MO, 64424	TIME OF INSPECTION 9:10 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

- SIMULATOR SOLUTION COMPRESSED ETHANOL-GAS MIXTURE
- STANDARD SUPPLIER Repco LOT # 21001 EXP. DATE 06/16/2023
- SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34.0 SIM. SN MP2502 SIM. NIST EXP DATE 02/06/2023

- 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 ← .101	TEST 2 ← .101	TEST 3 ← .099
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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)	0	(.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).

INSPECTING OFFICER

SIGNATURE 	PRINT NAME Michael J. Miller
TYPE II PERMIT NUMBER/EXPIRATION DATE 220258 11/17/2024	TELEPHONE NUMBER (816) 387-2345

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: 104658
Version no: 532B

TEST RECORD 00387

Temp Date Time ^{s/} 210L

Air Blank:
04/09/23 09:13 .000
Calibration Check:
19 04/09/23 09:13 .101

Subject Name

MAINTENANCE #1
Subject I.D.

N/A

Operator Name, I.D.

M.J. MILLER #1418
Location

3101 MILLER STREET

BETHANY, MD, 64424

AS IV Serial no: 104658
Version no: 532B

TEST RECORD 00388

Temp Date Time ^{s/} 210L

Air Blank:
04/09/23 09:15 .000
Calibration Check:
19 04/09/23 09:15 .101

Subject Name

MAINTENANCE #2
Subject I.D.

N/A

Operator Name, I.D.

M.J. MILLER #1418
Location

3101 MILLER STREET

BETHANY, MD, 64424

AS IV Serial no: 104658
Version no: 532B

TEST RECORD 00389

Temp Date Time ^{s/} 210L

Air Blank:
04/09/23 09:17 .000
Calibration Check:
20 04/09/23 09:17 .099

Subject Name

MAINTENANCE #3
Subject I.D.

N/A

Operator Name, I.D.

M.J. MILLER #1418
Location

3101 MILLER STREET

BETHANY, MD, 64424

AS IV Serial no: 104658
Version no: 532B

TEST RECORD 00390

Temp Date Time ^{s/} 210L

VOID: RFI
12 04/09/23 09:21

Subject Name

MAINTENANCE RFI
Subject I.D.

N/A

Operator Name, I.D.

M.J. MILLER #1418
Location

3101 MILLER STREET

BETHANY, MD, 64424

M.J. Miller



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: 8-Sep-2021

Lot # AG125101 **Model** 108

Exp Date 8-Sep-2023	Cyl. Type 108	Component Ethanol Nitrogen	Certified Concentration 0.100 ± 2% BrAC (260 ppm)
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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:09.09.2021 14:28

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

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PERMIT
TYPE II
MICHAEL J. MILLER

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 577.020 through 577.041, RSMo and 306.111 through 306.119 RSMo.

DATE 11/17/2022

NUMBER 220258

EXPIRES 11/17/2024

MO 580-0771 (6-10)

Mike Mason

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

Dave F. Nickelson

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

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 MILLER, MICHAEL
Permit No 220258
Date Issued 11/17/2022 **Date Expires** 11/17/2024

