



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 097441	NAME OF AGENCY Grandview	DATE OF INSPECTION 06/01/2024
LOCATION OF INSTRUMENT (STREET AND CITY) 13116 Arrington Rd, Grandview		TIME OF INSPECTION 4:10 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 # AG222203 EXP. DATE 08/10/2024

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 ← .078

TEST 2 ← .078

TEST 3 ← .078

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)

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

Brandon T. Eitel #272

PRINT NAME

Brandon T. Eitel #272

TYPE II PERMIT NUMBER/EXPIRATION DATE

240115 05/28/2026

TELEPHONE NUMBER

(816) 316-4921

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: 097441
Version no: 532B

TEST RECORD 00361

Temp Date Time ^{9/} 210L

Air Blank:
06/01/24 16:13 .000
Calibration Check:
22 06/01/24 16:13 .078

Subject Name

Test

Subject I.D.

1

Operator Name, I.D.

Eitel 240115
Location 05/28/2024

13116 Arrington Rd

Grandview Mo.

AS IV Serial no: 097441
Version no: 532B

TEST RECORD 00362

Temp Date Time ^{9/} 210L

Air Blank:
06/01/24 16:17 .000
Calibration Check:
23 06/01/24 16:17 .078

Subject Name

Test

Subject I.D.

2

Operator Name, I.D.

Eitel 240115
Location 05/28/2024

13116 Arrington Rd

Grandview Mo.

AS IV Serial no: 097441
Version no: 532B

TEST RECORD 00363

Temp Date Time ^{9/} 210L

Air Blank:
06/01/24 16:19 .000
Calibration Check:
24 06/01/24 16:19 .078

Subject Name

Test

Subject I.D.

3

Operator Name, I.D.

Eitel 240115
Location 05/28/2024

13116 Arrington Rd

Grandview Mo.

AS IV Serial no: 097441
Version no: 532B

TEST RECORD 00364

Temp Date Time ^{9/} 210L

VOID: RFI
12 06/01/24 16:21

Subject Name

Test

Subject I.D.

RFI

Operator Name, I.D.

Eitel 240115
Location 05/28/2024

13116 Arrington Rd

Grandview Mo.



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: 10-Aug-2022

Lot # AG222203 **Model** 108

Exp Date 10-Aug-2024	Cyl. Type 108	Component Ethanol Nitrogen	Certified Concentration 0.080 ± 0.002 BrAC (208 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	391.8 ppm	EB0010603	392.5 ppm
EB0010570	259.8 ppm	EB0010559	258.9 ppm
EB0010285	209.0 ppm	EB0010562	104.2 ppm
EB0010561	103.7 ppm	EB0010579	52.94 ppm
EB0010681	52.22 ppm		

CRM Serial No.	Concentration	CRM Serial No.	Concentration
CC727481	800.0 ppm	CC727493	390.0 ppm
CC727496	253.0 ppm	CC727498	150.0 ppm

Analytical Method: NDIR

Digitally signed by:Quality Control
 Reason:Dry gas standard certification of analysis
 Location:Airgas USA LLC (Lab)
 Date:08.11.2022 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