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By Tracy Crews at 7:46 am, Jan 30, 2024



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 111629	NAME OF AGENCY University of Missouri	DATE OF INSPECTION 01/25/2024
LOCATION OF INSTRUMENT (STREET AND CITY) 901 Virginia Avenue		TIME OF INSPECTION 10:00 pm 10:30 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 # AG211002 EXP. DATE 04/22/2024

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 .082

TEST 2 .082

TEST 3 .081

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

PRINT NAME

Kyle Townley

TYPE II PERMIT NUMBER/EXPIRATION DATE

230234 10-21-2025

TELEPHONE NUMBER

(573) 874-7230

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: 111629
Version no: 532B

TEST RECORD 01596

Temp Date Time 21⁹/_{OL}

Air Blank:
01/25/24 22:30 .000
Calibration Check:
22 01/25/24 22:30 .082

Subject Name

Monthly Maintenance

Subject I.D.

Test #1

Operator Name, I.D.

Kyle Townley 230234

Location

901 Virginia Ave

Columbia MO 65211

AS IV Serial no: 111629
Version no: 532B

TEST RECORD 01597

Temp Date Time 21⁹/_{OL}

Air Blank:
01/25/24 22:32 .000
Calibration Check:
22 01/25/24 22:32 .082

Subject Name

Monthly Maintenance

Subject I.D.

Test #2

Operator Name, I.D.

Kyle Townley 230234

Location

901 Virginia AVE

Columbia MO 65211

AS IV Serial no: 111629
Version no: 532B

TEST RECORD 01598

Temp Date Time 21⁹/_{OL}

Air Blank:
01/25/24 22:34 .000
Calibration Check:
23 01/25/24 22:34 .081

Subject Name

Monthly Maintenance

Subject I.D.

Test #3

Operator Name, I.D.

Kyle Townley 230234

Location

901 Virginia Ave

Columbia MO 65211

AS IV Serial no: 111629
Version no: 532B

TEST RECORD 01599

Temp Date Time 21⁹/_{OL}

VOID: RFI
12 01/25/24 22:42

Subject Name

Monthly Maintenance

Subject I.D.

RFI Test

Operator Name, I.D.

Kyle Townley 230234

Location

901 Virginia Ave

Columbia MO 65211



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: 21-Apr-2022

Lot # AG211002 **Model** 108

Exp Date 20-Apr-2024	Cyl. Type 108	Component Ethanol Nitrogen	Certified Concentration 0.082 ± 0.002 BrAC (223 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:04.28.2022 15:35

Approved for Release: 
 Rod Marsala

ISO 17025:2017 A2LA accredited. Certificate Number 3082.06
ISO 17034:2016 A2LA accredited. Certificate Number 3082.07