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By Tracy Crews at 7:34 am, Jan 13, 2022



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 111739	NAME OF AGENCY Bates City	DATE OF INSPECTION 01/10/2022
LOCATION OF INSTRUMENT (STREET AND CITY) 203 N 2nd St, Bates City		TIME OF INSPECTION 10:16 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 Intoximeter LOT # AG003702 EXP. DATE 01/10/2022
- 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 .099	TEST 2 .099	TEST 3 .105
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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		PRINT NAME
SIGNATURE	<i>Virginia DeBoard</i>	Virginia DeBoard
TYPE II PERMIT NUMBER/EXPIRATION DATE		TELEPHONE NUMBER
210030 02/23/2023		(816) 690-6575

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: 111739
Version no: 532B

TEST RECORD 00488

Temp	Date	Time	s/
		210L	

Air Blank:
01/10/22 22:16 .000
Calibration Check:
23 01/10/22 22:16 .099

Subject Name

Subject I.D.

Operator Name, I.D.

Virginia DeBoard 984

Location

203 N 2nd St

Bates City

AS IV Serial no: 111739
Version no: 532B

TEST RECORD 00489

Temp	Date	Time	s/
		210L	

Air Blank:
01/10/22 22:17 .000
Calibration Check:
23 01/10/22 22:17 .099

Subject Name

Subject I.D.

Operator Name, I.D.

Virginia DeBoard 984

Location

203 N 2nd St

Bates City

AS IV Serial no: 111739
Version no: 532B

TEST RECORD 00490

Temp	Date	Time	s/
		210L	

Air Blank:
01/10/22 22:19 .000
Calibration Check:
23 01/10/22 22:19 .105

Subject Name

Subject I.D.

Operator Name, I.D.

Virginia DeBoard 984

Location

203 N 2nd St

Bates City

AS IV Serial no: 111739
Version no: 532B

TEST RECORD 00491

Temp	Date	Time	s/
		210L	

VOID: RFI
12 01/10/22 22:20

Subject Name

Subject I.D.

Operator Name, I.D.

Virginia DeBoard 984

Location

203 N 2nd St

Bates City



Airgas USA LLC (LAB)
 3500 Bernard Street
 St. Louis, Mo. 63106
 Ph: (314) 252-2100
 Fax: (314) 252-7222

Certificate of Analysis

Test Date: 7-Feb-2020

Customer Name
 Endrite Supplier
 Inflowmeters, Inc.
 2081 Craig Road
 St. Louis, Mo 63103

Lot # AG003702 Model 108cadd

Exp. Date 4-Feb-2022	Std. Size 105	Component Ethanol Nitrogen	Certified Concentration 0.169 ± 2% BrAC (272 ppm) Balance
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Calibration Traceable to N.I.S.T. GSM and to CRM Ethanol Standards:

CRM Serial No.	Concentration	GSM Serial No.	Concentration
EE0010591	392.1 ppm	EE0010593	399.8 ppm
EE0010576	255.8 ppm	EE0010588	255.2 ppm
EE0010582	208.0 ppm	EE0010595	205.2 ppm
EE0010594	102.3 ppm	EE0010582	104.2 ppm
EE0010591	52.12 ppm	EE0010579	52.01 ppm
CRM Serial No.	Concentration	CRM Serial No.	Concentration
0056568	399.0 ppm	0056549	399.1 ppm
0056562	255.0 ppm	0056562	100.2 ppm
Analytical Method	GC/MS		

Not for Release to Public Domain
 This document is the property of Airgas
 Release the data contained herein at your own risk
 Location: Airgas USA LLC (LAB)

Approved for Release:

Rod Marsala
 Rod Marsala

ISO 17025:2005 A2LA accredited. Certificate Number 3062.06
 ISO 17034:2016 A2LA accredited. Certificate Number 3062.07



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

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PERMIT
TYPE II
VIRGINIA DEBOARD

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

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 308.111 through 308.119 RSMo.

[Signature]

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

DATE 2/23/2021

NUMBER 210030

EXPIRES 2/23/2023

MO 820-0771 (9-16)

[Signature]

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

LAB-1 (08-10)

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

INSTRUMENT OPERATOR CARD

The name of operator is authorized to operate an alcohol breath alcohol instrument for the determination of the alcoholic content in breath from an expired air.

Operator VIRGINIA DEBOARD
Permit No. 210030 Date Expires 2/23/2023
Date Issued 2/23/2021

