



MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES
STATE PUBLIC HEALTH LABORATORY

ALCO-SENSOR IV WITH PRINTER MAINTENANCE REPORT

RECEIVED

By Tracy Crews at 9:11 am, Nov 19, 2020

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 108388	NAME OF AGENCY ST. LOUIS COUNTY PD	DATE OF INSPECTION 11/18/2020
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LOCATION OF INSTRUMENT (STREET AND CITY) 232 VANCE RD, VALLEY PARK	TIME OF INSPECTION 10:34 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 INTOXIMETERS LOT # AG015503 EXP. DATE 06/03/2022

☐ 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 ➡ 0.100

TEST 2 ➡ 0.101

TEST 3 ➡ 0.100

☒ 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)	1
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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 UPDATED TO MATCH FALL DAYLIGHT SAVING TIME.

INSPECTING OFFICER

SIGNATURE

P.O. M. Maloney #427

PRINT NAME

MIKE MALONEY

TYPE II PERMIT NUMBER/EXPIRATION DATE

290063/ 03-08-21

TELEPHONE NUMBER

(636) 529-8210

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: 198398
Version no: 5325

TEST RECORD 00610

Temp Date Time 210L

Air Blank:
11/18/20 10:35 .000
Calibration Check:
19 11/18/20 10:35 .100

Subject Name

Test #1

Subject I.D.

N/A

Operator Name, I.D.

Mike Maloney 4427

Location

232 Vance Rd

AS IV Serial no: 198398
Version no: 5325

TEST RECORD 00611

Temp Date Time 210L

Air Blank:
11/18/20 10:30 .000
Calibration Check:
19 11/18/20 10:30 .100

Subject Name

Test #2

Subject I.D.

N/A

Operator Name, I.D.

Mike Maloney 4427

Location

232 Vance Rd

AS IV Serial no: 198398
Version no: 5325

TEST RECORD 00612

Temp Date Time 210L

Air Blank:
11/18/20 10:40 .000
Calibration Check:
20 11/18/20 10:40 .100

Subject Name

Test #3

Subject I.D.

N/A

Operator Name, I.D.

Mike Maloney 4427

Location

232 Vance Rd

AS IV Serial no: 198398
Version no: 5325

TEST RECORD 00613

Temp Date Time 210L

VOID: RFI
12 11/18/20 10:42

Subject Name

RFI Test

Subject I.D.

N/A

Operator Name, I.D.

Mike Maloney 4427

Location

232 Vance Rd



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-Jun-2020

Lot # AG015503 **Model** 108caccd

<u>Exp. Date</u>	<u>Cyl. Type</u>	<u>Component</u>	<u>Certified Concentration</u>
3-Jun-2022	108	Ethanol	0.100 ± 2% BrAC (272 ppm)
		Nitrogen	Balance

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

<u>RGM Serial No.</u>	<u>Concentration</u>	<u>RGM Serial No.</u>	<u>Concentration</u>
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

<u>CRM Serial No.</u>	<u>Concentration</u>	<u>CRM Serial No.</u>	<u>Concentration</u>
CC434668	800.0 ppm	0056649	390.1 ppm
CC234503	253.0 ppm	0056662	150.2 ppm

Analytical Method: NDIR

Digitally signed by Quality Control
Date: 2020.06.10 14:11:39 -05:00
Reason: Dry gas standard certification of analysis
Location: Airgas USA LLC (Lab)

Approved for Release:


Rod Marsala

ISO 17025:2005 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



PERMIT
TYPE II

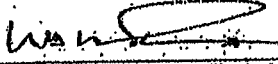
MICHAEL P MALONEY

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

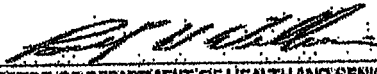
for the determination of the alcoholic content of blood from a sample of expired air. Permit issued under the provisions of sections 577.020 through 577.041, RSMo and 806.111 through 806.119 RSMo.

DATE 3/8/2019


DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

NUMBER 290063

EXPIRES 3/8/2021


DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

MO 680-0771 (8-10)

LAD-4 (10-10)