



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 107989	PRINTER SN 099.3586.794	DATE OF INSPECTION 07/08/2020
LOCATION OF INSTRUMENT (STREET AND CITY) 1700 US Hwy 67 Florissant Missouri 63031		TIME OF INSPECTION 7:21 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 INTOXIMETERES LOT # AG906601 EXP. DATE 03/07/2021

SIMULATOR TEMPERATURE (34°C ± 0.2°C) _____ SIMULATOR SN _____ SIMULATOR 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 → .101	TEST 2 → .100	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-.04)	(.05-.09)	(.10-.14)	(.15-.19)	(OVER .19)
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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).

Instrument working within D.O.H. guidelines.

INSPECTING OFFICER

SIGNATURE 	PRINT NAME Philip G Busby 438
TYPE II PERMIT NUMBER/EXPIRATION DATE 290255 10-31-2021	TELEPHONE NUMBER (314) 831-7000

Return completed report to the: Breath Alcohol Program, MO Department of Health and Senior Services, Southeast District Office
 2875 James Boulevard
 Poplar Bluff, MO 63901

AS IV Serial no: 107989
Version no: 532B

TEST RECORD 00990

Temp Date Time 210L ^{s/}

Air Blank:
07/08/20 19:24 .000
Calibration Check:
22 07/08/20 19:24 .101

Subject Name

Maintenance

Subject I.D.

438

Operator Name, I.D.

J. Busby

Location

1700 US 67

AS IV Serial no: 107989
Version no: 532B

TEST RECORD 00992

Temp Date Time 210L ^{s/}

Air Blank:
07/08/20 19:28 .000
Calibration Check:
24 07/08/20 19:28 .099

Subject Name

Maintenance

Subject I.D.

438

Operator Name, I.D.

J. Busby 438

Location

1700 67

AS IV Serial no: 107989
Version no: 532B

TEST RECORD 00991

Temp Date Time 210L ^{s/}

Air Blank:
07/08/20 19:26 .000
Calibration Check:
23 07/08/20 19:26 .100

Subject Name

Maintenance

Subject I.D.

438

Operator Name, I.D.

J. Busby 438

Location

1700 US 67

AS IV Serial no: 107989
Version no: 532B

TEST RECORD 00988

Temp Date Time 210L ^{s/}

VOID: RFI
12 07/08/20 19:21

Subject Name

Maintenance

Subject I.D.

438

Operator Name, I.D.

J. Busby 438

Location

1700 US 67



Airgas USA LLC (LAB)
 3500 Bernard Street
 St. Louis, Mo. 63103
 Ptc (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: 11-Mar-2019

Lot # AG906601 Model 108cadd

Exp. Date
 7-Mar-2021

Cyl. Type
 108

Component
 Ethanol
 Nitrogen

Certified Concentration
 0.100 ± 2% BrAC (272 ppm)
 Balance

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

<u>RGM Serial No.</u>	<u>Concentration</u>
EB0010581	392.1 ppm
EB0010570	259.8 ppm
EB0010285	208.0 ppm
EB0010561	103.6 ppm
EB0010681	52.12 ppm

<u>RGM Serial No.</u>	<u>Concentration</u>
EB0010603	393.0 ppm
EB0010559	258.2 ppm
EB0010595	208.3 ppm
EB0010562	104.2 ppm
EB0010579	52.81 ppm

<u>CRM Serial No.</u>	<u>Concentration</u>
CC434868	800.0 ppm
CC234503	253.0 ppm

<u>CRM Serial No.</u>	<u>Concentration</u>
0056649	390.1 ppm
0056662	150.2 ppm

Analytical Method: NDIR

Digitally signed by Quality Control
 Date: 2019.03.11 13:19:36 -05:00
 Reason: Dry gas standard certification of analysis
 Location: Airgas USA LLC (Lab)

Approved for Release: _____

Rod Marsala
 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

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PERMIT
 TYPE II
 PHILIP G BUSBY

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 EC/IR II

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 10/31/2019

NUMBER 290255

EXPIRES 10/31/2021

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

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 **BUSBY, PHILIP**
 Permit No **290255**
 Date Issued **10/31/2019** Date Expires **10/31/2021**