

**RECEIVED**

By Tracy Crews at 11:33 am, Mar 23, 2020

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 100284	PRINTER SN 096.3580.945	DATE OF INSPECTION 03/20/2020
LOCATION OF INSTRUMENT (STREET AND CITY) 600 East Walnut Columbia		TIME OF INSPECTION 4:35 am

**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 # AG826302 EXP. DATE 09/20/2020 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

 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).

Instrument into service

**INSPECTING OFFICER**

SIGNATURE

PRINT NAME

Mark D. Hoehne

TYPE II PERMIT NUMBER/EXPIRATION DATE

280211 06/11/2020

TELEPHONE NUMBER

(573) 874-7585

**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: 100284  
Version no: 532B

TEST RECORD 00154

Temp Date Time 210L

Air Blank:  
03/20/20 04:40 .000  
Calibration Check:  
20 03/20/20 04:40 .101

Subject Name

Test # 1

Subject I.D.

Hochne, Mark D. 2078  
Operator Name, I.D.

Location

AS IV Serial no: 100284  
Version no: 532B

TEST RECORD 00155

Temp Date Time 210L

Air Blank:  
03/20/20 04:44 .000  
Calibration Check:  
22 03/20/20 04:44 .099

Subject Name

Test # 3

Subject I.D.

Hochne, Mark D. 2078  
Operator Name, I.D.

Location

AS IV Serial no: 100284  
Version no: 532B

TEST RECORD 00156

Temp Date Time 210L

VOID: RFI  
12 03/20/20 04:46

Subject Name

RFI check

Subject I.D.

Hochne, Mark D. 2078  
Operator Name, I.D.

Location

AS IV Serial no: 100284  
Version no: 532B

TEST RECORD 00157

Temp Date Time 210L

Air Blank:  
03/20/20 04:47 .000  
Subject Test: Auto  
24 03/20/20 04:47 .000

Subject Name

Self Test

Subject I.D.

Hochne, Mark D. 2078  
Operator Name, I.D.

Location



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:** 24-Sep-2018

**Lot # AG826302 Model 108cacc**

**Exp. Date**

20-Sep-2020

**Cyl. Type**

108

**Component**

Ethanol

Nitrogen

**Certified Concentration**

0.100 ± 2% BrAC (272 ppm)

Balance

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

**Serial No.**

EB0010581

EB0010570

EB0010285

EB0010561

EB0010681

**Concentration**

392.1 ppm

259.8 ppm

208.0 ppm

103.6 ppm

52.12 ppm

**Serial No.**

EB0010603

EB0010559

EB0010595

EB0010562

EB0010579

**Concentration**

393.0 ppm

258.2 ppm

208.3 ppm

104.2 ppm

52.81 ppm

**Analytical Method:**

NDIR

Digitally signed by Quality Control  
Date: 2018.09.24 15:11:58 -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**



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



**PERMIT  
TYPE II**

**MARK D HOEHNE**

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 306.111 through 306.119 RSMo.

DATE 6/11/2018

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

NUMBER 280211

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

EXPIRES 6/11/2020

LAB-4 (R6-10)

MO 580-0771 (6-10)



**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 **HOEHNE, MARK**  
Permit No **280211**  
Date Issued **6/11/2018** Date Expires **6/11/2020**