



MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES  
 STATE PUBLIC HEALTH LABORATORY  
**ALCO-SENSOR IV WITH PRINTER MAINTENANCE REPORT**

**RECEIVED**  
 By Tracy Crews at 9:56 am, Jun 15, 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 087972	PRINTER SN 08C.3556.386	DATE OF INSPECTION 06/12/2020
LOCATION OF INSTRUMENT (STREET AND CITY) 232 Vance Rd St. Louis MO 63088		TIME OF INSPECTION 10:42 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 # AG829708 EXP. DATE 10/24/2020

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 ➡ 0.103

TEST 2 ➡ 0.102

TEST 3 ➡ 0.101

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)	1	(.05-.09)	1	(.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).

*- Time updated for Daylight Savings Time.*

**INSPECTING OFFICER**

SIGNATURE <i>Michael P. Maloney</i>	PRINT NAME Michael P. Maloney
TYPE II PERMIT NUMBER/EXPIRATION DATE 290063 / 03/08/2021	TELEPHONE NUMBER (636) 529-8210

**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

IV Serial no: 087972  
Revision no: 532B

TEST RECORD 00455

Time Date Time <sup>of</sup> 2101

Air Blank:  
06/12/20 10:42 .000  
Calibration Check:  
19 06/12/20 10:42 .103

Subject Name

Test # 1

Subject I.D.

N/A

Operator Name, I.D.

P.O. M. Maloney 4427

Location

232 Vance Rd

63088

IV Serial no: 087972  
Revision no: 532B

TEST RECORD 00456

Time Date Time <sup>of</sup> 2101

Air Blank:  
06/12/20 10:44 .000  
Calibration Check:  
19 06/12/20 10:44 .102

Subject Name

Test # 2

Subject I.D.

N/A

Operator Name, I.D.

P.O. M. Maloney 4427

Location

232 Vance Rd

63088

IV Serial no: 087972  
Revision no: 532B

TEST RECORD 00457

Time Date Time <sup>of</sup> 2101

Air Blank:  
06/12/20 10:47 .000  
Calibration Check:  
20 06/12/20 10:47 .101

Subject Name

Test # 3

Subject I.D.

N/A

Operator Name, I.D.

P.O. M. Maloney 4427

Location

232 Vance Rd

63088

IV Serial no: 087972  
Revision no: 532B

TEST RECORD 00458

Time Date Time <sup>of</sup> 2101

VOID: RFI  
12 06/12/20 10:48

Subject Name

RFI

Subject I.D.

N/A

Operator Name, I.D.

P.O. M. Maloney 4427

Location

232 Vance Rd

63088



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:** 25-Oct-2018

**Lot # AG829708 Model 108cacc**

**Exp. Date**

24-Oct-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: 2018.10.25 14:13:39 -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**



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 306.111 through 306.119 RSMo.

DATE 3/8/2019

NUMBER 290063

EXPIRES 3/8/2021

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES