



MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES  
STATE PUBLIC HEALTH LABORATORY

**ALCO-SENSOR IV WITH PRINTER MAINTENANCE REPORT**

**RECEIVED**

By Tracy Crews at 8:27 am, Aug 18, 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	PRINTER SN 099.3586.815	DATE OF INSPECTION 07/30/2020
LOCATION OF INSTRUMENT (STREET AND CITY) 5030 GRIFFIN RD ST LOUIS MO 63128		TIME OF INSPECTION 3:24 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 INTOXIMETERS LOT # AG015503 EXP. DATE 06/03/2022

☐ 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 • 0.096

TEST 2 • 0.096

TEST 3 • 0.095

☒ 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**

SIGNATURE  
*P.O. M. Maloney* 4427

PRINT NAME  
MIKE MALONEY

TYPE II PERMIT NUMBER/EXPIRATION DATE  
290063

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

AS IV Serial no: 188938  
Version no: 5038

TEST RADIO 80595

Temp Date Time 210L

Air Blank:  
07/30/23 15:24 .880  
Calibration Check:  
07/30/23 15:24 .096

Subject Name

Test # 1

Subject I.D.

N/A

Operator Name I.D.

Maloney 4427

Location

5030 Griffin

63128

AS IV Serial no: 188938  
Version no: 5038

TEST RADIO 80596

Temp Date Time 210L

Air Blank:  
07/30/23 15:23 .880  
Calibration Check:  
07/30/23 15:23 .096

Subject Name

Test # 2

Subject I.D.

N/A

Operator Name I.D.

Maloney 4427

Location

5030 Griffin

63128

AS IV Serial no: 188938  
Version no: 5038

TEST RADIO 80597

Temp Date Time 210L

Air Blank:  
07/30/23 15:12 .880  
Calibration Check:  
07/30/23 15:12 .096

Subject Name

Test # 3

Subject I.D.

N/A

Operator Name I.D.

Maloney 4427

Location

5030 Griffin

63128

AS IV Serial no: 188938  
Version no: 5038

TEST RADIO 80598

Temp Date Time 210L

Air Blank:  
07/30/23 15:12 .880  
Calibration Check:  
07/30/23 15:12 .096

Subject Name

RFI Test

Subject I.D.

N/A

Operator Name I.D.

Maloney 4427

Location

5030 Griffin

63128



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 108cacd**

**Exp. Date**

3-Jun-2022

**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:**

**RGM Serial No.**

EB0010581

**Concentration**

392.1 ppm

EB0010570

259.8 ppm

EB0010285

208.0 ppm

EB0010561

103.6 ppm

EB0010681

52.12 ppm

**RGM Serial No.**

EB0010603

**Concentration**

393.0 ppm

EB0010559

258.2 ppm

EB0010595

208.3 ppm

EB0010562

104.2 ppm

EB0010579

52.81 ppm

**CRM Serial No.**

CC434668

**Concentration**

800.0 ppm

CC234503

253.0 ppm

**CRM Serial No.**

0056649

**Concentration**

390.1 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

NUMBER 290063

EXPIRES 3/8/2021

MO 580-9771 (8-10)

  
DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

  
DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

LAB-1 (8-10)