



**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 087969	PRINTER SN 08C.3527.186	DATE OF INSPECTION 02/26/2016
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LOCATION OF INSTRUMENT (STREET AND CITY) 107 W. Main Street, Smithville	TIME OF INSPECTION 2:14 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 Intoximeter LOT # AG418901 EXP. DATE 07/08/2016

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 .105

TEST 2 .105

TEST 3 .105

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 	PRINT NAME Sgt. Ralph Wheeler
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TYPE II PERMIT NUMBER/EXPIRATION DATE 250204 08/31/2017	TELEPHONE NUMBER (816) 532-0500
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**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: 087969  
Version no: 004C

TEST RECORD 01242

Temp Date Time 210L <sup>s/</sup>

Air Blank:  
02/26/16 02:14 .000  
Calibration Check:  
24 02/26/16 02:14 .105

Subject Name  
Monthly Maintenance  
Subject I.D.

Operator Name, I.D.  
Sgt R Wheeler 250204  
Location  
Smithville PO

AS IV Serial no: 087969  
Version no: 004C

TEST RECORD 01243

Temp Date Time 210L <sup>s/</sup>

Air Blank:  
02/26/16 02:16 .000  
Calibration Check:  
24 02/26/16 02:16 .105

Subject Name  
Monthly Maintenance  
Subject I.D.

Operator Name, I.D.  
Sgt R Wheeler 250204  
Location  
Smithville PO

AS IV Serial no: 087969  
Version no: 004C

TEST RECORD 01244

Temp Date Time 210L <sup>s/</sup>

Air Blank:  
02/26/16 02:17 .000  
Calibration Check:  
24 02/26/16 02:17 .105

Subject Name  
Monthly Maintenance  
Subject I.D.

Operator Name, I.D.  
Sgt R Wheeler 250204  
Location  
Smithville PO

AS IV Serial no: 087969  
Version no: 004C

TEST RECORD 01245

Temp Date Time 210L <sup>s/</sup>

Void: RFI  
12 02/26/16 02:19

Subject Name  
Monthly Maintenance  
Subject I.D.  
RFI Test  
Operator Name, I.D.  
Sgt R Wheeler 250204  
Location  
Smithville PO



Airgas USA LLC (LAB)

3500 Bernard Street

St. Louis, Mo. 63103

Ph: (314) 533-3100

Fax: (314) 533-7328

## Certificate of Analysis

**Customer Name**

Intoximeters, Inc.  
2081 Craig Road  
St. Louis, Mo 63146

**Test Date:** 8-Jul-2014

**Lot #** AG418901

**Exp. Date**

8-Jul-2016

**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**

391.8 ppm  
259.8 ppm  
209.0 ppm  
103.7 ppm  
52.22 ppm

**Serial No.**

EB0010603  
EB0010559  
EB0010595  
EB0010562  
EB0010579

**Concentration**

392.5 ppm  
258.9 ppm  
208.9 ppm  
104.9 ppm  
52.94 ppm

**Analytical Method:**

NDIR

Digitally signed by Quality Control  
Date: 2014.07.08 16:11:39 -05:00  
Reason: Dry gas standard certification of analysis  
Location: Airgas USA LLC (Lab)

Analyst: \_\_\_\_\_

Rod Marsala

**ISO 17025:2005 A2LA accredited. Certificate Number 2989.01**



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



**PERMIT**  
**TYPE II**  
**RALPH WHEELER**

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**

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 8/31/2015

NUMBER 250204

EXPIRES 8/31/2017

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

MO 580-0771 (6-10)

LAB-4 (R6-10)

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 WHEELER, RALPH  
 Permit No 250204  
 Date Issued 8/31/2015 Date Expires 8/31/2017