



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 062088	PRINTER SN 096.3580.929	DATE OF INSPECTION 01/11/2016
LOCATION OF INSTRUMENT (STREET AND CITY) 4400 SHREWSBURY AVE. SHREWSBURY, MO 63119		TIME OF INSPECTION 1:15 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 Inc.

LOT # AG532002

EXP. DATE 07/16/2017

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 → .080

TEST 2 → .080

TEST 3 → .079

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

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

Sergeant Todd Melugin DSN 153

TYPE II PERMIT NUMBER/EXPIRATION DATE

240418 11/24/2016

TELEPHONE NUMBER

(314) 647-5656

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 10 Serial no: 062688  
Version no: 5320

TEST RECORD 06301

Temp Date Time 210L

Air Blanks  
01/11/16 01:17 .000  
Calibration Check  
26 01/11/16 01:17 .000

Subject Name

TEST

Subject I.D.

Operator Name: J.D.

Location

AS 10 Serial no: 062688  
Version no: 5320

TEST RECORD 06301

Temp Date Time 210L

Air Blanks  
01/11/16 01:18 .000  
Calibration Check  
26 01/11/16 01:18 .000

Subject Name

TEST

Subject I.D.

Operator Name: J.D.

Location

AS 10 Serial no: 062688  
Version no: 5320

TEST RECORD 06302

Temp Date Time 210L

Air Blanks  
01/11/16 01:18 .000  
Calibration Check  
27 01/11/16 01:18 .079

Subject Name

TEST

Subject I.D.

Operator Name: J.D.

Location

AS 10 Serial no: 062688  
Version no: 5320

TEST RECORD 06303

Temp Date Time 210L

UCID: RFI  
12 01/11/16 01:26

Subject Name

RFI TEST

Subject I.D.

Operator Name: J.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:** 17-Nov-2015

**Lot #** AG532002 **Model** 30cacc

**Exp. Date**  
16-Jul-2017

**Cyl. Type**  
30

**Component**  
Ethanol  
Nitrogen

**Certified Concentration**  
0.082 ± 0.002 BrAC (223 ppm)  
Balance

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

<u>Serial No.</u>	<u>Concentration</u>
EB0010581	391.8 ppm
EB0010570	259.8 ppm
EB0010285	209.0 ppm
EB0010561	103.7 ppm
EB0010681	52.22 ppm

<u>Serial No.</u>	<u>Concentration</u>
EB0010603	392.5 ppm
EB0010559	258.9 ppm
EB0010595	208.9 ppm
EB0010562	104.9 ppm
EB0010579	52.94 ppm

**Analytical Method:** NDIR

Digitally signed by Quality Control  
Date: 2015.11.17 15:25:55 -08:00  
Reason: Dry gas standard certification of analysis  
Location: Airgas USA LLC (Lab)

**Analyst:** Rod Marsala  
Rod Marsala

ISO 17025:2005 A2LA accredited. Certificate Number 2989.01



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

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PERMIT  
TYPE II

TODD M MELUGIN

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 11/24/2014

NUMBER 240418

EXPIRES 11/24/2016

MO 580-0771 (6-10)

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

acting director

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

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 MELUGIN, TODD  
Permit No 240418  
Date Issued 11/24/2014 Date Expires 11/24/2016