



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 107985 (Platte County SO)	PRINTER SN 099.3586.820	DATE OF INSPECTION 07/15/2016
LOCATION OF INSTRUMENT (STREET AND CITY) 1200 South Holden Street Warrensburg		TIME OF INSPECTION 12:33 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 # AG535002 EXP. DATE 12/16/2017

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  0.078	TEST 2  0.080	TEST 3  0.079
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- 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)	1	(.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).

Had the Capacitor replaced at Missouri Safety Center.  
  
This instrument is operating satisfactorily and within the established limits set by MoDHSS.

<b>INSPECTING OFFICER</b>	
SIGNATURE 	PRINT NAME William Beeler
TYPE II PERMIT NUMBER/EXPIRATION DATE 260242 06/17/2018	TELEPHONE NUMBER (816) 858-3521

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: 107985  
Version no: 532B

TEST RECORD 00379

Temp Date Time 210L  
9/

Air Blank:  
07/15/16 12:33 .000  
Calibration Check:  
26 07/15/16 12:33 .078

Subject Name

#1

Subject I.D.

Operator Name, I.D.

William Beale, 260242

Location

1200 S Holden Street

Warrensburg MO

AS IV Serial no: 107985  
Version no: 532B

TEST RECORD 00381

Temp Date Time 210L  
9/

Air Blank:  
07/15/16 12:38 .000  
Calibration Check:  
26 07/15/16 12:38 .080

Subject Name

#2

Subject I.D.

Operator Name, I.D.

William Beale - 260242

Location

1200 S Holden St

Warrensburg MO

AS IV Serial no: 107985  
Version no: 532B

TEST RECORD 00382

Temp Date Time 210L  
9/

Air Blank:  
07/15/16 12:41 .000  
Calibration Check:  
26 07/15/16 12:41 .079

Subject Name

#3

Subject I.D.

Operator Name, I.D.

William Beale - 260242

Location

1200 S. Holden St

Warrensburg MO

AS IV Serial no: 107985  
Version no: 532B  
TEST RECORD 00378  
Temp Date Time 210L  
9/  
Air Blank:  
07/15/16 12:30 .000  
Subject Test: Auto  
25 07/15/16 12:30 .000  
Subject Name  
Blank Test  
Subject I.D.  
Operator Name, I.D.  
William Beale 260242  
Location  
1200 S. Holden St  
Warrensburg MO

AS IV Serial no: 107985  
Version no: 532B  
TEST RECORD 00383  
Temp Date Time 210L  
9/  
VOID: RFI  
12 07/15/16 12:45  
Subject Name  
Subject I.D.  
Operator Name, I.D.  
William Beale 260242  
Location  
1200 S Holden St  
Warrensburg MO



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:** 21-Dec-2015

**Lot #** AG535002 **Model** 108caccd

**Exp. Date**

16-Dec-2017

**Cyl. Type**

108

**Component**

Ethanol  
Nitrogen

**Certified Concentration**

0.080 ± 0.002 BrAC (218 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: 2015.12.21 14:02:23 -06:00  
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

2

**PERMIT  
 TYPE II**

**WILLIAM BEELER**

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 6/17/2016

NUMBER 260242

EXPIRES 6/17/2018

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 BEELER, WILLIAM  
 Permit No 260242  
 Date Issued 6/17/2016 Date Expires 6/17/2018