



MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES  
STATE PUBLIC HEALTH LABORATORY

**RECEIVED**  
By Carol Day at 1:02 pm, Jun 19, 2014

**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 087967	PRINTER SN 08C.3556.200	DATE OF INSPECTION 06/15/2014
LOCATION OF INSTRUMENT (STREET AND CITY) 303 E 3rd Street, Joplin		TIME OF INSPECTION 4:44 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, Inc. LOT # AG319103 EXP. DATE 03/10/2015

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 ➔ .096	TEST 2 ➔ .096	TEST 3 ➔ .096
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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	2	(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).

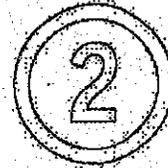
**INSPECTING OFFICER**

SIGNATURE <i>B. Davis</i>	PRINT NAME Brett Davis
TYPE II PERMIT NUMBER/EXPIRATION DATE 230157/08-15-2014	TELEPHONE NUMBER (417) 623-3131

**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



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



**PERMIT**  
**TYPE II**  
**BRETT DAVIS**

is hereby authorized to instruct and supervise operators, train instructors, inspect, calibrate, perform field service and repairs, and operate the following breath analyzer(s):

**INTOXILYZER 5000, INTOXILYZER 8000, ALCO-SENSOR IV  
 W/PRINTER**

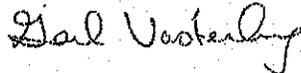
for the determination of the alcoholic content of blood from a sample of expired air. Permit issued under the provisions of sections 577.020 through 577.041, RSMo and 306.111 through 306.119 RSMo.

DATE: 8/14/2013

NUMBER: 230157

EXPIRES: 8/14/2015

  
 DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

  
 acting director  
 DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

MQ 680 (07-71 (6-10))

LAB-4 (06-10)

 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 DAVIS, BRETT  
 Permit No 230157  
 Date issued 8/14/2013 Date Expires 8/14/2015



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: 11-Jul-2013

Lot # AG319103

Exp. Date

10-Mar-2015

Cyl. Type

30

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: 2013.07.11:10:33:53 -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

AS IV Serial no: 087967  
Version no: 532B

TEST RECORD 00048

Temp Date Time 210L

Air Blank:  
06/18/14 16:48 .000  
Calibration Check:  
26 06/18/14 16:48 .096

Subject Name

Subject I.D.

Operator Name: I.D.

Location

Joplin Jail

AS IV Serial no: 087967  
Version no: 532B

TEST RECORD 00046

Temp Date Time 210L

Air Blank:  
06/18/14 16:44 .000  
Calibration Check:  
26 06/18/14 16:44 .096

Subject Name

Subject I.D.

Operator Name: I.D.

Location

Joplin Jail

AS IV Serial no: 087967  
Version no: 532B

TEST RECORD 00049

Temp Date Time 210L

VOID: RFI  
12 06/18/14 16:49

Subject Name

Subject I.D.

Operator Name: I.D.

Location

Joplin Jail

AS IV Serial no: 087967  
Version no: 532B

TEST RECORD 00047

Temp Date Time 210L

Air Blank:  
06/18/14 16:46 .000  
Calibration Check:  
26 06/18/14 16:46 .096

Subject Name

Subject I.D.

Operator Name: I.D.

Location

Joplin Jail