



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 108389	PRINTER SN 099.3586.804	DATE OF INSPECTION 07/02/2016
LOCATION OF INSTRUMENT (STREET AND CITY) 303 E 3rd St, Joplin, MO 64801		TIME OF INSPECTION 7:21 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**

<input type="checkbox"/> SIMULATOR SOLUTION	<input checked="" type="checkbox"/> COMPRESSED ETHANOL-GAS MIXTURE
<input checked="" type="checkbox"/> STANDARD SUPPLIER <u>INTOXIMETERS</u>	LOT # <u>AG612403</u> EXP. DATE <u>01/03/2018</u>
<input type="checkbox"/> 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 • .100	TEST 2 • .101	TEST 3 • .101
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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	5	(0-.04)	0	(.05-.09)	2	(.10-.14)	4	(.15-.19)	1	(OVER .19)	2
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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 JARED SWANN
TYPE & PERMIT NUMBER/EXPIRATION DATE 260219/ 05/05/2018	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**

**JARED S SWANN**

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, INTOXILYZER 8000**

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 5/5/2016

NUMBER 260219

EXPIRES 5/5/2018

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 SWANN, JARED  
Permit No 260219  
Date Issued 5/5/2016 Date Expires 5/5/2018



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:** 4-May-2016

**Lot # AG612403 Model 30cacc**

<u>Exp. Date</u>	<u>Cyl. Type</u>	<u>Component</u>	<u>Certified Concentration</u>
3-Jan-2018	30	Ethanol Nitrogen	0.100 ± 2% BrAC (272 ppm) Balance

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

<u>Serial No.</u>	<u>Concentration</u>	<u>Serial No.</u>	<u>Concentration</u>
EB0010581	391.8 ppm	EB0010603	392.5 ppm
EB0010570	259.8 ppm	EB0010559	258.9 ppm
EB0010285	209.0 ppm	EB0010595	208.9 ppm
EB0010561	103.7 ppm	EB0010562	104.9 ppm
EB0010681	52.22 ppm	EB0010579	52.94 ppm

**Analytical Method:** NDIR

Digitally signed by Quality Control  
 Date: 2016.05.05 09:55:55 -05:00  
 Reason: Dry gas standard certification of analysis  
 Location: Airgas USA LLC (Lab)

**Analyst:**

Yusef Woods

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

AS IV Serial no: 108389  
Version no: 532B

TEST RECORD 00495

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

Air Blank:  
07/02/16 19:21 .000  
Calibration Check:  
26 07/02/16 19:21 .100

Subject Name

Subject I.D.

Operator Name, I.D.

Suwan, Jared 0985  
Location

Joplin Jail

AS IV Serial no: 108389  
Version no: 532B

TEST RECORD 00496

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

Air Blank:  
07/02/16 19:22 .000  
Calibration Check:  
26 07/02/16 19:22 .101

Subject Name

Subject I.D.

Operator Name, I.D.

Suwan, Jared 0985  
Location

Joplin Jail

AS IV Serial no: 108389  
Version no: 532B

TEST RECORD 00497

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

Air Blank:  
07/02/16 19:24 .000  
Calibration Check:  
27 07/02/16 19:24 .101

Subject Name

Subject I.D.

Operator Name, I.D.

Suwan, Jared 0985  
Location

Joplin Jail

AS IV Serial no: 108389  
Version no: 532B

TEST RECORD 00498

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

VOID: RFI  
12 07/02/16 19:25

Subject Name

Subject I.D.

Operator Name, I.D.

Suwan, Jared 0985  
Location

Joplin Jail