



MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES  
STATE PUBLIC HEALTH LABORATORY

ALCO-SENSOR IV WITH PRINTER MAINTENANCE REPORT

**RECEIVED**  
By Carol Day at 2:14 pm, May 10, 2016

Complete this report in duplicate at the time of the regular monthly preventive maintenance. Send copy to Department of Health and Senior Services; retain original in department file.

ALCO SENSOR IV SN 097425	PRINTER SN 096.3580.866	DATE OF INSPECTION 05/05/2016
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LOCATION OF INSTRUMENT (STREET AND CITY) 1200 South Holden Street Warrensburg (Kinloch Police Dept.)	TIME OF INSPECTION 3:41 pm
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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 Intoximeters LOT # AG602301 EXP. DATE 01/23/2018

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 ← 0.098

TEST 2 ← 0.098

TEST 3 ← 0.098

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).

Assigned to Kinloch Police Department.

**INSPECTING OFFICER**

SIGNATURE 	PRINT NAME Dan Lucas
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TYPE II PERMIT NUMBER/EXPIRATION DATE 250138 06/15/2017	TELEPHONE NUMBER (660) 543-4573
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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

①

AS IV Serial no: 097425  
Version no: 532B

TEST RECORD 00170

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

Air Blank:  
05/05/16 15:41 .000  
Calibration Check:  
22 05/05/16 15:41 .098

Subject Name

Maint. 1

Subject I.D.

Operator Name, I.D.

Dan Lucas 250138

Location

1200 S Holden Street

Warrensburg MO

②

AS IV Serial no: 097425  
Version no: 532B

TEST RECORD 00171

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

Air Blank:  
05/05/16 15:43 .000  
Calibration Check:  
23 05/05/16 15:43 .098

Subject Name

Maint 2

Subject I.D.

Operator Name, I.D.

Dan Lucas 250138

Location

1200 S Holden Street

Warrensburg MO

③

AS IV Serial no: 097425  
Version no: 532B

TEST RECORD 00172

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

Air Blank:  
05/05/16 15:44 .000  
Calibration Check:  
24 05/05/16 15:44 .098

Subject Name

Maint. 3

Subject I.D.

Operator Name, I.D.

Dan Lucas 250138

Location

1200 S Holden Street

Warrensburg MO

RFI

AS IV Serial no: 097425  
Version no: 532B

TEST RECORD 00173

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

VOID: RFI  
12 05/05/16 15:46

Subject Name

RFI Test

Subject I.D.

Operator Name, I.D.

Dan Lucas 250138

Location

1200 S Holden Street

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:** 24-Jan-2016

**Lot # AG602301 Model 108cacc**

**Exp. Date**

23-Jan-2018

**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:

<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: 2016.01.25 09:20:21 -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



**PERMIT**  
**TYPE II**

**DAN R LUCAS**

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

**DATAMASTER, INTOX DMT, INTOX 8000, INTOX EC/IR II, ASIV 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 6/15/2015

NUMBER 250138

EXPIRES 6/15/2017

MO 880-0771 (8-10)

*[Signature]*  
 DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

LAB-4 (PG-10)