



MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES  
 STATE PUBLIC HEALTH LABORATORY  
**ALCO-SENSOR IV WITH PRINTER MAINTENANCE REPORT**

**RECEIVED**  
 By Brian Lutmer at 4:48 pm, Jan 20, 2015

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 107974 - St. Louis County PD	PRINTER SN 099.3586.828	DATE OF INSPECTION 01/16/2015
---	----------------------------	----------------------------------

LOCATION OF INSTRUMENT (STREET AND CITY) MODOT T.M.C. - 14301 South Outer 40 Road, Town & Country, MO 63017	TIME OF INSPECTION 1:06 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) *21°C*
- PRINTER WORKING PROPERLY
- TIME AND DATE DISPLAYING PROPERLY *13:06*

**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>AG418902</u> EXP. DATE <u>07/08/2016</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 <i>0.098</i>	TEST 2 <i>0.097</i>	TEST 3 <i>0.097</i>
---------------------	---------------------	---------------------

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	<i>2</i>	(0-.04)	(.05-.09)	(.10-.14)	<i>1</i>	(.15-.19)	<i>1</i>	(OVER .19)
----------	----------	---------	-----------	-----------	----------	-----------	----------	------------

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).

- Adjusted the time clock
- Cleared the memory log
- Replaced the paper roll in the printer

**INSPECTING OFFICER**

SIGNATURE <i>D. Rose 2721</i>	PRINT NAME Officer D. Rose, DSN 2721
TYPE II PERMIT NUMBER/EXPIRATION DATE 230253 11/12/2015	TELEPHONE NUMBER (314) 889-2341

**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: 107974  
Version no: 532B

TEST RECORD 00084

Temp Date Time <sup>9/</sup> 210L

Air Blank:  
01/16/15 13:06 .000  
Calibration Check:  
21 01/16/15 13:06 .098

Subject Name

N/A

Subject I.D.

N/A

Operator Name, I.D.

ROSC 2721

Location

MODOT T.M.C.

AS IV Serial no: 107974  
Version no: 532B

TEST RECORD 00085

Temp Date Time <sup>9/</sup> 210L

Air Blank:  
01/16/15 13:07 .000  
Calibration Check:  
22 01/16/15 13:07 .097

Subject Name

N/A

Subject I.D.

N/A

Operator Name, I.D.

ROSC 2721

Location

MODOT T.M.C.

AS IV Serial no: 107974  
Version no: 532B

TEST RECORD 00086

Temp Date Time <sup>9/</sup> 210L

Air Blank:  
01/16/15 13:09 .000  
Calibration Check:  
23 01/16/15 13:09 .097

Subject Name

N/A

Subject I.D.

N/A

Operator Name, I.D.

ROSC 2721

Location

MODOT T.M.C.

AS IV Serial no: 107974  
Version no: 532B

TEST RECORD 00087

Temp Date Time <sup>9/</sup> 210L

VOID: RFI  
12 01/16/15 13:10

Subject Name

N/A

Subject I.D.

N/A

Operator Name, I.D.

ROSC 2721

Location

MODOT T.M.C.



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:** 8-Jul-2014

**Lot # AG418902**

<b>Exp. Date</b> 8-Jul-2016	<b>Cyl. Type</b> 108	<b>Component</b> Ethanol Nitrogen	<b>Certified Concentration</b> 0.100 ± 2% BrAC (260 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: 2014.07.08 16:23:57 -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**



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

2

**PERMIT  
TYPE II**

**DAVID M ROSE**

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, 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 11/12/2013

NUMBER 230253

EXPIRES 11/12/2015

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)