



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

RECEIVED
 By Carol Day at 11:18 am, Sep 04, 2014

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 087969	PRINTER SN 08C.3527.186	DATE OF INSPECTION 09/01/2014
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LOCATION OF INSTRUMENT (STREET AND CITY) 107 W. MAIN STREET, SMITHVILLE	TIME OF INSPECTION 11:30 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

<input type="checkbox"/> SIMULATOR SOLUTION	<input checked="" type="checkbox"/> COMPRESSED ETHANOL-GAS MIXTURE
<input checked="" type="checkbox"/> STANDARD SUPPLIER <u>INTOXIMETER</u>	LOT # <u>AG418901</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 ← .104	TEST 2 ← .103	TEST 3 ← .103
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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	4	(0-.04)	1	(.05-.09)	0	(.10-.14)	4	(.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 	PRINT NAME RALPH WHEELER
TYPE II PERMIT NUMBER/EXPIRATION DATE 230152 8/1/2015	TELEPHONE NUMBER (816) 532-0500

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: 087969
Version no: 004C

TEST RECORD 01065

Temp Date Time 210L

Air Blank:
09/01/14 23:30 .000
Calibration Check:
22 09/01/14 23:30 .104

Subject Name
Monthly Maintenance
Subject I.D.

Operator Name, I.D. 252
Ralph Wheeler 230152
Location
Smithville PD

AS IV Serial no: 087969
Version no: 004C

TEST RECORD 01066

Temp Date Time 210L

Air Blank:
09/01/14 23:32 .000
Calibration Check:
22 09/01/14 23:32 .103

Subject Name
Monthly Maintenance
Subject I.D.

Operator Name, I.D. 252
Ralph Wheeler 230152
Location
Smithville PD

AS IV Serial no: 087969
Version no: 004C

TEST RECORD 01067

Temp Date Time 210L

Air Blank:
09/01/14 23:33 .000
Calibration Check:
23 09/01/14 23:33 .100

Subject Name
Monthly Maintenance
Subject I.D.

Operator Name, I.D. 252
Ralph Wheeler 230152
Location
Smithville PD

AS IV Serial no: 087969
Version no: 004C

TEST RECORD 01068

Temp Date Time 210L

Void: EPI
12 09/01/14 23:35

Subject Name
Monthly Maintenance
Subject I.D.

RPI TEST
Operator Name, I.D. 252

Ralph Wheeler 230152
Location
Smithville PD



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 # AG418901

Exp. Date

8-Jul-2016

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:

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: 2014.07.08 16:11:39 -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

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**PERMIT
 TYPE II**

RALPH WHEELER

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

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 8/1/2013

NUMBER 230152

EXPIRES 8/1/2015

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

acting director

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 WHEELER, RALPH
 Permit No 230152
 Date Issued 8/1/2013 Date Expires 8/1/2015