



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

RECEIVED
 By Carol Day at 3:51 pm, Jan 02, 2015

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 107989	PRINTER SN 099.3586.794	DATE OF INSPECTION 01/02/2015
LOCATION OF INSTRUMENT (STREET AND CITY) 1700 US Hwy. 67 Florissant Missouri 63031		TIME OF INSPECTION 2:24 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 type="checkbox"/> STANDARD SUPPLIER <u>Airgas</u>	LOT # <u>AG332301</u> EXP. DATE <u>11/19/2015</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 \rightarrow .102	TEST 2 \rightarrow .102	TEST 3 \rightarrow .102
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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	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).

Instrument working within D.O.H guidelines.

INSPECTING OFFICER	
SIGNATURE <i>Philip G. Busby 438</i>	PRINT NAME Philip G Busby 438
TYPE II PERMIT NUMBER/EXPIRATION DATE 230259 11-26-2015	TELEPHONE NUMBER (314) 831-7000

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



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: 20-Nov-2013

Lot # AG332301

<u>Exp. Date</u> 19-Nov-2015	<u>Cyl. Type</u> 108	<u>Component</u> Ethanol Nitrogen	<u>Certified Concentration</u> 0.100 ± 2% BrAC (272 ppm) Balance
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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: 2013.11.20 15:33:36 -06:00
 Reason: Dry gas standard certification of analysis
 Location: Airgas USA LLC (Lab)

Analyst: _____

Rod Marsala
 Rod Marsala

ISO 17025:2005 A2LA accredited. Certificate Number 2989.01

AS IU Serial no: 107989
Version no: 532B

TEST RECORD 00013

Temp Date Time 210L
s/

Air Blank:
01/02/15 14:24 .000
Calibration Check:
22 01/02/15 14:24 .102

Subject Name

MAINTENANCE

Subject I.D.

M.I. RUSBY 438

Operator Name: I.D.

1700 US 67

Location

AS IU Serial no: 107989
Version no: 532B

TEST RECORD 00014

Temp Date Time 210L
s/

Air Blank:
01/02/15 14:25 .000
Calibration Check:
22 01/02/15 14:25 .102

Subject Name

MAINTENANCE

Subject I.D.

M.I. RUSBY 438

Operator Name: I.D.

1700 US 67

Location

AS IU Serial no: 107989
Version no: 532B

TEST RECORD 00015

Temp Date Time 210L
s/

Air Blank:
01/02/15 14:27 .000
Calibration Check:
22 01/02/15 14:27 .102

Subject Name

MAINTENANCE

Subject I.D.

M.I. RUSBY 438

Operator Name: I.D.

1700 US 67

Location

AS IU Serial no: 107989
Version no: 532B

TEST RECORD 00016

Temp Date Time 210L
s/

UOID: RFI
12 01/02/15 14:27

Subject Name

MAINTENANCE

Subject I.D.

M.I. RUSBY 438

Operator Name: I.D.

1700 US 67

Location



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



**PERMIT
TYPE II**

PHILIP G BUSBY

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, INTOX EC/IR II

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 11/26/2013

NUMBER 230259

EXPIRES 11/26/2015

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

,acting director

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

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 **BUSBY, PHILIP**
Permit No **230259**
Date Issued **11/26/2013** Date Expires **11/26/2015**