MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES
STATE PUBLIC HEALTH LABORATORY

# ALCO-SENSOR IV WITH PRINTER MAINTENANCE REPORT

**RECEIVED**
*By Carol Day at 12:55 pm, Apr 02, 2014*

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 | PRINTER SN | DATE OF INSPECTION |
|---|---|---|
| 108390 | 099.3586.811 | 04/01/2014 |

| LOCATION OF INSTRUMENT (STREET AND CITY) | TIME OF INSPECTION |
|---|---|
| 2501 W. Mechanic, Harrisonville MO 64701 | 9:05 am |

**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 # AG402002 EXP. DATE 01/20/2016

☐ 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 ☛ .098 | TEST 2 ☛ .095 | TEST 3 ☛ .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-.04) 3 | (.05-.09) 1 | (.10-.14) | (.15-.19) | (OVER .19) 1 |
|---|---|---|---|---|---|

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 |
|---|---|
| ▸ Dep Gary Crow | Deputy Gary Crow |
| **TYPE II PERMIT NUMBER/EXPIRATION DATE** | **TELEPHONE NUMBER** |
| 240001 01-03-2016 | (816) 380-5200 |

**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


AN EQUAL OPPORTUNITY/AFFIRMATIVE ACTION EMPLOYER
services provided on a nondiscriminatory basis

AS IV Serial no: 108390
Version no: 532B

TEST RECORD 00082

| Temp | Date | Time | g/ 210L |
|---|---|---|---|

VOID: RFI
12 04/01/14 09:15

Subject Name

Subject I.D.

Operator Name, I.D.
Op. Crow 240001

Location

AS IV Serial no: 108390
Version no: 532B

TEST RECORD 00081

| Temp | Date | Time | g/ 210L |
|---|---|---|---|

Air Blank:
04/01/14 09:14 .000
Calibration Check:
23 04/01/14 09:14 .098

Subject Name

Subject I.D.

Operator Name, I.D.
Op. Crow 240001

Location

AS IV Serial no: 108390
Version no: 532B

TEST RECORD 00080

| Temp | Date | Time | g/ 210L |
|---|---|---|---|

Air Blank:
04/01/14 09:10 .000
Calibration Check:
22 04/01/14 09:10 .095

Subject Name

Subject I.D.

Operator Name, I.D.
Crow 240001

Location

AS IV Serial no: 108390
Version no: 532B

TEST RECORD 00079

| Temp | Date | Time | g/ 210L |
|---|---|---|---|

Air Blank:
04/01/14 09:06 .000
Calibration Check:
22 04/01/14 09:06 .098

Subject Name

Subject I.D.

Operator Name, I.D.
Crow 240001

Location

**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:** 21-Jan-2014

## Lot # AG402002

| Exp. Date | Cyl. Type | Component | Certified Concentration |
|---|---|---|---|
| 20-Jan-2016 | 108 | Ethanol | 0.100 ± 2% BrAC (272 ppm) |
| | | Nitrogen | Balance |

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

| Serial No. | Concentration | Serial No. | Concentration |
|---|---|---|---|
| **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: 2014.01.21 13:44:31 -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

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# PERMIT

## TYPE II

# GARY M CROW

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 5000

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 **1/3/2014**

NUMBER **240001**

EXPIRES **1/3/2016**

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** CROW, GARY

**Permit No** 240001

**Date Issued** 1/3/2014 **Date Expires** 1/3/2016