



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

March 2014

received 3/4/14-cd  
REPORT #7

**REVIEWED**  
By Carol Day at 2:06 pm, Mar 14, 2014

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

ALCO SENSOR IV SN 097424 PRINTER SN 096.3580.984 DATE OF INSPECTION 02/28/2014

LOCATION OF INSTRUMENT (STREET AND CITY) Wentzville PD 1019 Schroeder Creek Blvd Wentzville, MO 63385 TIME OF INSPECTION 0848

**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) 26° - 28°

PRINTER WORKING PROPERLY

TIME AND DATE DISPLAYING PROPERLY

**BREATH ALCOHOL ACCURACY STANDARDS**

SIMULATOR SOLUTION  COMPRESSED ETHANOL-GAS MIXTURE

STANDARD SUPPLIER RepCo Marketing Inc LOT # 13002 EXP. DATE 06/19/2015

SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34° SIMULATOR SN SD2233 SIMULATOR EXP DATE 11/14/2014

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 0.101 TEST 2 0.102 TEST 3 0.102

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 3 (0-.04) 0 (.05-.09) 1 (.10-.14) 1 (.15-.19) 0 (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 [Signature] PRINT NAME MATTHEW J. SCHNEIDER

TYPE II PERMIT NUMBER/EXPIRATION DATE 230344 12/31/2015 TELEPHONE NUMBER (636) 327-5105

**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: 097424  
Version no: 004C

TEST RECORD 01096  
s/

Temp Date Time 210L  
Air Blank: 02/28/14 08:53 .000  
Calibration Check: 28 02/28/14 08:53 .102

Subject Name  
Subject I.D.  
Operator Name, I.D.  
Location

AS IV Serial no: 097424  
Version no: 004C

TEST RECORD 01095  
s/

Temp Date Time 210L  
Void: RFI 12 02/28/14 08:51  
Subject Name

Subject I.D.  
Operator Name, I.D.  
Location

AS IV Serial no: 097424  
Version no: 004C

TEST RECORD 01094  
s/

Temp Date Time 210L  
Air Blank: 02/28/14 08:50 .000  
Calibration Check: 27 02/28/14 08:50 .102

Subject Name  
Subject I.D.  
Operator Name, I.D.  
Location

AS IV Serial no: 097424  
Version no: 004C

TEST RECORD 01093  
s/

Temp Date Time 210L  
Air Blank: 02/28/14 08:48 .000  
Calibration Check: 26 02/28/14 08:48 .101

Subject Name  
Subject I.D.  
Operator Name, I.D.  
Location

AS IV Serial no: 097424  
Version no: 004C

TEST RECORD 01096  
a/  
Temp Date Time 210L

Air Blank:  
02/28/14 08:53 .000  
Calibration Check:  
28 02/28/14 08:53 .102

Subject Name

Subject I.D.

Operator Name, I.D.

Location

AS IV Serial no: 097424  
Version no: 004C

TEST RECORD 01095  
a/  
Temp Date Time 210L

Void: RFI  
12 02/28/14 08:51  
Subject Name

Subject I.D.

Operator Name, I.D.

Location

AS IV Serial no: 097424  
Version no: 004C

TEST RECORD 01094  
a/  
Temp Date Time 210L

Air Blank:  
02/28/14 08:50 .000  
Calibration Check:  
27 02/28/14 08:50 .102

Subject Name

Subject I.D.

Operator Name, I.D.

Location

AS IV Serial no: 097424  
Version no: 004C

TEST RECORD 01093  
a/  
Temp Date Time 210L

Air Blank:  
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Calibration Check:  
26 02/28/14 08:48 .101

Subject Name

Subject I.D.

Operator Name, I.D.

Location



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

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**PERMIT  
 TYPE II**

**MATTHEW J SCHNEIDER**

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 EC/IR II, 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 12/31/2013

NUMBER 230344

EXPIRES 12/31/2015

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

,acting director

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

MS 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 SCHNEIDER, MATTHEW  
 Permit No 230344  
 Date Issued 12/31/2013 Date Expires 12/31/2015

**CERTIFICATE OF ANALYSIS**

**MANUFACTURER AND SUPPLIER: RepCo Marketing, Inc.**

**LOT NUMBER: 13002**

**EXPIRATION DATE: June 19, 2015 at 11:59 p.m.**

RepCo Marketing, Inc. certifies the following:

RepCo Marketing, Inc. manufactured, tested and supplied Lot Number 13002 of Alcohol Certified Solution for simulators. Random samples of said lot number were analyzed by an independent laboratory utilizing a gas chromatograph and found to contain .1217 gms/dl +/- .003 gms/dl wt/vol ethanol (95% Confidence).

The alcohol and distilled water used in the solution were found to be free of any interfering substance.

This solution will produce a vapor alcohol value of .100 +/- 3% gms/210L Breath when heated to 34 Degrees Celsius +/- 0.2 Degrees Celsius in a simulator (95% Confidence).

The date of manufacture for this lot number is June 20, 2013  
The expiration date for this lot number is June 19, 2015 at  
11:59 p.m.

This document is a true representation of the original Certificate of Analysis.



Cecil B. Garner, President  
RepCo Marketing, Inc.