



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

**RECEIVED**  
 By Carol Day at 9:43 am, Jun 12, 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 097439	PRINTER SN 096.3580.990	DATE OF INSPECTION 06/04/2014
LOCATION OF INSTRUMENT (STREET AND CITY) 2009 Chevrolet 1/2 ton truck / Osage BeachParkway, Osage Beach		TIME OF INSPECTION 6:18 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**

SIMULATOR SOLUTION                       COMPRESSED ETHANOL-GAS MIXTURE

STANDARD SUPPLIER RepCo Marketing, Inc.                      LOT # 13001                      EXP. DATE 03/07/2015

SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34C                      SIMULATOR SN SD3150                      SIMULATOR EXP DATE 01/03/2015

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 ← .103%	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	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).

**INSPECTING OFFICER**

SIGNATURE 	PRINT NAME J.C. Richardson
TYPE II PERMIT NUMBER/EXPIRATION DATE 230335 / 12/23/2014	TELEPHONE NUMBER (573) 751-1000

**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

**CERTIFICATE OF ANALYSIS**

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

**LOT NUMBER: 13001**

**EXPIRATION DATE: March 7, 2015 at 11:59 p.m.**

RepCo Marketing, Inc. certifies the following:

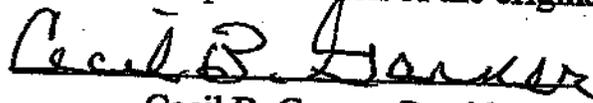
RepCo Marketing, Inc. manufactured, tested and supplied Lot Number 13001 of Alcohol Certified Solution for simulators. Random samples of said lot number were analyzed by an independent laboratory utilizing a gas chromatograph and found to contain .1215 gms/dl +/- .003 gms/dl wt/vol ethanol (95% Confidence).

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 March 8, 2013  
The expiration date for this lot number is March 7, 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.

AS IV Serial no: 097439  
Version no: 004C

TEST RECORD 00172 s/

Temp Date Time 210L

Void: RFI  
12 06/04/14 18:24

Subject Name

Subject I.D.

Operator Name I.D. *[Signature]*

Location

AS IV Serial no: 097439  
Version no: 004C

TEST RECORD 00171 s/

Temp Date Time 210L

Air Blank: 06/04/14 18:22 .000  
Calibration Check: 28 06/04/14 18:22 .103

Subject Name

Subject I.D.

Operator Name I.D. *[Signature]*

Location

AS IV Serial no: 097439  
Version no: 004C

TEST RECORD 00170 s/

Temp Date Time 210L

Air Blank: 06/04/14 18:20 .000  
Calibration Check: 28 06/04/14 18:20 .103

Subject Name

Subject I.D.

Operator Name I.D. *[Signature]*

Location

AS IV Serial no: 097439  
Version no: 004C

TEST RECORD 00169 s/

Temp Date Time 210L

Air Blank: 06/04/14 18:18 .000  
Calibration Check: 27 06/04/14 18:18 .103

Subject Name

Subject I.D. *[Signature]*

Operator Name I.D. *[Signature]*

Location