



MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES  
STATE PUBLIC HEALTH LABORATORY

**ALCO-SENSOR IV WITH PRINTER MAINTENANCE REPORT**

RECEIVED 2/14/2014 REPORT # CD

Complete this report in duplicate at the time of the regular monthly preventative maintenance check, and with **REVIEWED** By Carol Day at 8:45 am, Mar 17, 2014 red.  
Send copy to Department of Health and Senior Services; retain original in department file.

ALCO SENSOR IV SN 100284	PRINTER SN 093.3563.011	DATE OF INSPECTION 02/03/2014
LOCATION OF INSTRUMENT (STREET AND CITY) 777 Broadway Hannibal MO		TIME OF INSPECTION 11:48 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 LOT # 13002 EXP. DATE 06/19/2015
- SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34.0 SIMULATOR SN SD2224 SIMULATOR EXP DATE 08/09/2014

- 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  .101	TEST 2  .100	TEST 3  .099
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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	2	(0-.04)	2	(.05-.09)	0	(.10-.14)	1	(.15-.19)	3	(OVER .19)
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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).

<b>INSPECTING OFFICER</b>	
SIGNATURE 	PRINT NAME Cpl. J Alex Grote #21
TYPE / PERMIT NUMBER / EXPIRATION DATE 220106 / 05-09-2014	TELEPHONE NUMBER (573) 221-0987

**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

State of Missouri  
DEPARTMENT OF HEALTH



P E R M I T  
TYPE II



J ALEX GROTE

is hereby authorized to instruct and supervise operators, train instructors, inspect, calibrate, perform field repairs, and operate the following breath analyzer(s):

ALCO-SENSOR IV W/PRINTER

for the determination of the alcoholic content of blood from a sample of expired (alveolar) air. Issued under the provisions of sections 577.020 through 577.041, RSMo 1986.

Date 05/09/2012

Number 220106

Expires 05/09/2014

Director of State Public Health Laboratory

Director, Department of Health

**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:

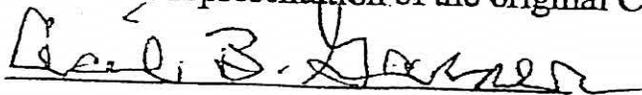
RepCo Marketing, Inc. manufactured, tested and supplied Lot Number 13002 of Alcohol Certified Solution for simulators. Random samples of said lot number were analyzed by an independent laboratory utilizing a gas chromatograph and found to contain .1217 gms/dl +/- .003 gms/dl wt/vol ethanol (95% Confidence).

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.

AS IV Serial no: 100284  
Version no: 004C

TEST RECORD 00590

Temp Date Time 210L

Air Blank: 03/03/14 23:48 .000

Calibration Check: 23 03/03/14 23:48 .101

Subject Name

Subject I.D.

Grade 21

Operator Name, I.D.

220106 5-9-14

Location

AS IV Serial no: 100284  
Version no: 004C

TEST RECORD 00591

Temp Date Time 210L

Air Blank: 03/03/14 23:51 .000

Calibration Check: 23 03/03/14 23:51 .100

Subject Name

Subject I.D.

Grade 21

Operator Name, I.D.

220106 5-9-14

Location

AS IV Serial no: 100284  
Version no: 004C

TEST RECORD 00592

Temp Date Time 210L

Air Blank: 03/03/14 23:52 .000

Calibration Check: 24 03/03/14 23:52 .099

Subject Name

Subject I.D.

Grade 21

Operator Name, I.D.

220106 5-9-14

Location

AS IV Serial no: 100284  
Version no: 004C

TEST RECORD 00593

Temp Date Time 210L

Void: RFI  
12 03/03/14 23:54

Subject Name

Subject I.D.

Grade 21

Operator Name, I.D.

220106 5-9-14

Location