



MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES  
STATE PUBLIC HEALTH LABORATORY

ALCO-SENSOR IV WITH PRINTER MAINTENANCE REPORT

**RECEIVED**

REPORT #7

By Carol Day at 8:52 am, Oct 26, 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 078389	PRINTER SN 071.3383.132	DATE OF INSPECTION 10/13/2015
LOCATION OF INSTRUMENT (STREET AND CITY) 4525 Downs Drive St. Joseph, MO 64507		TIME OF INSPECTION 11:42 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 RepCo Marketing Inc. LOT # 15001 EXP. DATE 05/20/2017

SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34.0 SIMULATOR SN SD3506 SIMULATOR EXP DATE 11/17/2015

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 → .099

TEST 2 → .098

TEST 3 → .100

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 operating within the limits set forth by the Missouri Department of Health and Senior Services. RepCo Marketing Inc. .100 Solution lot # 15001 expires 05/20/2017.

**INSPECTING OFFICER**

SIGNATURE

*James Bench*

PRINT NAME

James Bench

TYPE II PERMIT NUMBER/EXPIRATION DATE

240032 02/11/2016

TELEPHONE NUMBER

(816) 271-4438

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: 15001  
EXPIRATION DATE: May 20, 2017 at 11:59 p.m.

RepCo Marketing, Inc. certifies the following:

RepCo Marketing, Inc. manufactured, tested and supplied Lot Number 15001 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 .1206 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 May 21, 2015  
The expiration date for this lot number is May 20, 2017 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 IU Serial no: 078389  
Version no: 532B  
TEST RECORD 00097

Temp	Date	Time	210L
Air Blank:	10/13/15	11:42	.000
Calibration Check:	21 10/13/15	11:42	.099

Subject Name

Operator Name: J.D.  
Location  
*Subak 217*

4525 DAVIS DR

St. Joseph no 64507

AS IU Serial no: 078389  
Version no: 532B  
TEST RECORD 00098

Temp	Date	Time	210L
Air Blank:	10/13/15	11:46	.000
Calibration Check:	22 10/13/15	11:46	.098

Subject Name

Operator Name: J.D.  
Location  
*Subak 217*

4525 DAVIS DR

St. Joseph no 64507

AS IU Serial no: 578389  
Version no: 0000  
TEST RECORD 00099

Temp	Date	Time	210L
Air Blank:	10/13/15	11:49	.000
Calibration Check:	22 10/13/15	11:49	.100

Subject Name

Operator Name: J.D.  
Location  
*Subak 217*

4525 DAVIS DR

St. Joseph no 64507

AS IU Serial no: 078389  
Version no: 532B  
TEST RECORD 00099

Temp	Date	Time	210L
QC10: RPI	12 10/13/15	11:50	

Subject Name

Operator Name: J.D.  
Location  
*Subak 217*

4525 DAVIS DR

St. Joseph no 64507