



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

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 102459	PRINTER SN 096.3580.930	DATE OF INSPECTION 07/15/2016
LOCATION OF INSTRUMENT (STREET AND CITY) Troop F Headquarters, 2920 Shamrock Drive, Jefferson City		TIME OF INSPECTION 10:32 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 # 15001 EXP. DATE 05/20/2017
- SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34.00 SIMULATOR SN MP2123 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 ← .104	TEST 2 ← .102	TEST 3 ← .102
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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 M.A. Dickens
TYPE II PERMIT NUMBER/EXPIRATION DATE 260207 05/03/2018	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

AS IV Serial no: 102459  
Version no: 532B

TEST RECORD 00215

Temp	Date	Time	a/ 210L
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Air Blank:  
07/15/16 22:35 .000  
Calibration Check:  
20 07/15/16 22:35 .104

Subject Name

Test 1

Subject I.D.

Operator Name, I.D.

MA Dickens 675

Location

Troop F

AS IV Serial no: 102459  
Version no: 532B

TEST RECORD 00216

Temp	Date	Time	a/ 210L
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Air Blank:  
07/15/16 22:37 .000  
Calibration Check:  
21 07/15/16 22:37 .102

Subject Name

Test 2

Subject I.D.

Operator Name, I.D.

MA Dickens 675

Location

Troop F

AS IV Serial no: 102459  
Version no: 532B

TEST RECORD 00218

Temp	Date	Time	a/ 210L
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Air Blank:  
07/15/16 22:39 .000  
Calibration Check:  
21 07/15/16 22:39 .102

Subject Name

Test 3

Subject I.D.

Operator Name, I.D.

MA Dickens 675

Location

Troop F

AS IV Serial no: 102459  
Version no: 532B

TEST RECORD 00217

Temp	Date	Time	a/ 210L
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VOID: RFI  
12 07/15/16 22:38

Subject Name

RFI Test

Subject I.D.

Operator Name, I.D.

MA Dickens 675

Location

Troop F

**REPCO MARKETING INC.**3101-188 STONYBROOK DRIVE  
RALEIGH, N.C. 27604  
919-876-5480**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.