



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 111674	PRINTER SN 09B.3589.459	DATE OF INSPECTION 09/02/2016
LOCATION OF INSTRUMENT (STREET AND CITY) Ray County Zone Office, 102 W N Main St., Richmond, MO 64085		TIME OF INSPECTION 10:02 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 # 15001 EXP. DATE 05/20/2017

SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34.0 SIMULATOR SN MP2126 SIMULATOR EXP DATE 07/18/2017

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 ← .099	TEST 3 ← .097
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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)	2	(.15-.19)	0	(OVER .19)	1
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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 <i>Tpr. J.T. Cunningham</i>	PRINT NAME Tpr. J.T. Cunningham
TYPE II PERMIT NUMBER/EXPIRATION DATE 250297 / 12/09/2017	TELEPHONE NUMBER (816) 622-0800

**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

**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.

AS IV Serial no: 111674  
Version no: 532B

TEST RECORD 00017

Temp Date Time <sup>s/</sup> 210L

Air Blank:  
09/02/16 22:02 .000  
Calibration Check:  
22 09/02/16 22:02 .099

Subject Name  
Maintenance Test  
Subject I.D.

Operator Name, I.D.  
Cunningham, SG1  
Location  
Ray Co Zone Office

AS IV Serial no: 111674  
Version no: 532B

TEST RECORD 00019

Temp Date Time <sup>s/</sup> 210L

Air Blank:  
09/02/16 22:05 .000  
Calibration Check:  
23 09/02/16 22:05 .097

Subject Name  
Maintenance Test  
Subject I.D.

Operator Name, I.D.  
Cunningham, SG1  
Location  
Ray Co Zone Office

AS IV Serial no: 111674  
Version no: 532B

TEST RECORD 00018

Temp Date Time <sup>s/</sup> 210L

Air Blank:  
09/02/16 22:04 .000  
Calibration Check:  
22 09/02/16 22:04 .099

Subject Name  
Maintenance Test  
Subject I.D.

Operator Name, I.D.  
Cunningham, SG1  
Location  
Ray Co Zone Office

AS IV Serial no: 111674  
Version no: 532B

TEST RECORD 00020

Temp Date Time <sup>s/</sup> 210L

VOID: RFI  
12 09/02/16 22:06

Subject Name  
RFI TEST  
Subject I.D.

Operator Name, I.D.  
Cunningham, SG1  
Location  
Ray Co Zone Office



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



**PERMIT  
 TYPE II**

**JOHN T CUNNINGHAM**

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

**ALCO-SENSOR IV WITH PRINTER, INTOX DMT**

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 12/9/2015

NUMBER 250297

EXPIRES 12/9/2017

MO 580-0771 (6-10)

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

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 CUNNINGHAM, JOHN  
 Permit No 250297  
 Date Issued 12/9/2015 Date Expires 12/9/2017