



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

**RECEIVED**  
 By Carol Day at 11:16 am, Sep 04, 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 095961	PRINTER SN 099.3586.643	DATE OF INSPECTION 09/02/2014
LOCATION OF INSTRUMENT (STREET AND CITY) 715 W Center Circle, Nixa, MO 65714		TIME OF INSPECTION 9:15 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 LOT # 13002 EXP. DATE 06/19/2015

SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34.0 SIMULATOR SN SD2731 SIMULATOR EXP DATE 04/30/2015

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 .096

TEST 2 .097

TEST 3 .097

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	1	(0-.04)	0	(.05-.09)	1	(.10-.14)	2	(.15-.19)	3	(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  
 Eric Dye

TYPE II PERMIT NUMBER/EXPIRATION DATE  
 230316 12/17/2015

TELEPHONE NUMBER  
 (417) 725-2510

**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: 095961  
Version no: 532B

TEST RECORD 00496

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

Air Blank:  
09/02/14 09:15 .000  
Calibration Check:  
20 09/02/14 09:15 .096

Subject Name

TEST 1

Subject I.D.

N/A

Operator Name, I.D.

E. DYE 415

Location

715 W Center Cir

Nixa, MO 65714

AS IV Serial no: 095961  
Version no: 532B

TEST RECORD 00497

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

Air Blank:  
09/02/14 09:17 .000  
Calibration Check:  
21 09/02/14 09:17 .097

Subject Name

TEST 2

Subject I.D.

N/A

Operator Name, I.D.

E. DYE 415

Location

715 W Center Cir

Nixa, MO 65714

AS IV Serial no: 095961  
Version no: 532B

TEST RECORD 00498

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

Air Blank:  
09/02/14 09:19 .000  
Calibration Check:  
21 09/02/14 09:19 .097

Subject Name

TEST 3

Subject I.D.

N/A

Operator Name, I.D.

E. DYE 415

Location

715 W Center Cir

Nixa, MO 65714

AS IV Serial no: 095961  
Version no: 532B

TEST RECORD 00500

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

VOID: RFI  
12 09/02/14 09:23

Subject Name

RFI TEST

Subject I.D.

N/A

Operator Name, I.D.

E. DYE 415

Location

715 W Center Circle

Nixa, MO 65714

**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.



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

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**PERMIT**  
**TYPE II**  
**ERIC DYE**

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, DATAMASTER**

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 12/17/2013

NUMBER 230316

EXPIRES 12/17/2015

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

,acting director

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

MO 580-0771 (6-10)

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 DYE, ERIC  
 Permit No 230316  
 Date Issued 12/17/2013 Date Expires 12/17/2015