



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 3:59 pm, Apr 23, 2014

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 097426	PRINTER SN 03A.2436.098	DATE OF INSPECTION 04/20/2014
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LOCATION OF INSTRUMENT (STREET AND CITY) 3310 NE Rennau Drive, Lee's Summit, Mo - 64064	TIME OF INSPECTION 7:15 pm
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**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) 27°c
- PRINTER WORKING PROPERLY
- TIME AND DATE DISPLAYING PROPERLY

**BREATH ALCOHOL ACCURACY STANDARDS**

- SIMULATOR SOLUTION  COMPRESSED ETHANOL-GAS MIXTURE
- STANDARD SUPPLIER Repco Marketing LOT # 13001 EXP. DATE 03/07/2015
- SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34.0c SIMULATOR SN SD3329 SIMULATOR EXP DATE 10/03/2014

- 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 ➡ .098	TEST 2 ➡ .098	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	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 meets DOHSS standards and guidelines.

<b>INSPECTING OFFICER</b>	
SIGNATURE 	PRINT NAME T. Herrmann
TYPE II PERMIT NUMBER/EXPIRATION DATE #230202 09/19/2015	TELEPHONE NUMBER (816) 524-4302

**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 IU Serial no: 097426  
Version no: 582B

TEST RECORD 00048

Temp Date Time 210L

Air Blank: 04/20/14 19:10 .000  
Calibration Check: 27 04/20/14 19:10 .098

Subject Name

MONTHLY CERT

Subject I.D.

HERRMANN #77

Operator Name: I.D.

#230202 09/19/15

Location

3310 NE RENNARD DR

LEES Summit, MD

AS IU Serial no: 097426  
Version no: 582B

TEST RECORD 00049

Temp Date Time 210L

Air Blank: 04/20/14 19:12 .000  
Calibration Check: 27 04/20/14 19:12 .098

Subject Name

MONTHLY CERT

Subject I.D.

HERRMANN #77

Operator Name: I.D.

#230202 09/19/15

Location

3310 NE RENNARD DR

LEES Summit, MD

AS IU Serial no: 097426  
Version no: 582B

TEST RECORD 00050

Temp Date Time 210L

Air Blank: 04/20/14 19:14 .000  
Calibration Check: 28 04/20/14 19:14 .099

Subject Name

MONTHLY CERT

Subject I.D.

HERRMANN #77

Operator Name: I.D.

#230202 09/19/15

Location

3310 NE RENNARD DR

LEES Summit, MD

AS IU Serial no: 097426  
Version no: 582B

TEST RECORD 00051

Temp Date Time 210L

VOID: RFI  
12 04/20/14 19:15

Subject Name

MONTHLY CERT

Subject I.D.

HERRMANN #77

Operator Name: I.D.

#230202 09/19/15

Location

3310 NE RENNARD DR

LEES Summit, MD

**CERTIFICATE OF ANALYSIS**

**MANUFACTURER AND SUPPLIER: RepCo Marketing, Inc.**

**LOT NUMBER: 13001**

**EXPIRATION DATE: March 7, 2015 at 11:59 p.m.**

RepCo Marketing, Inc. certifies the following:

RepCo Marketing, Inc. manufactured, tested and supplied Lot Number 13001 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 .1215 gms/dl +/- .003 gms/dl wt/vol ethanol (95% Confidence).

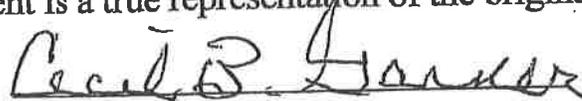
The alcohol and distilled water used in the solution were found to be free of any interfering substance.

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 March 8, 2013

The expiration date for this lot number is March 7, 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**

**TRAVIS HERRMANN**

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**

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 9/19/2013

NUMBER 230202

EXPIRES 9/19/2015

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

**acting director**

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

MO 580-0771 (5-10)

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 HERRMANN, TRAVIS  
Permit No 230202  
Date Issued 9/19/2013 Date Expires 9/19/2015