



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

**RECEIVED**  
 By Carol Day at 2:06 pm, Jul 28, 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 07/23/2014
LOCATION OF INSTRUMENT (STREET AND CITY) 3310 NE Rennau Drive, Lee's Summit, Mo - 64064		TIME OF INSPECTION 7:59 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) 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 # 13002 EXP. DATE 06/19/2015

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 ← .102	TEST 2 ← .102	TEST 3 ← .103
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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)	2
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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 all 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 IV Serial no: 097426  
Version no: 502B

TEST RECORD 00077

Temp Date Time 210L s/  
Air Blank: 07/23/14 19:59 .000  
Calibration Check: 27 07/23/14 19:59 .102  
Subject Name

MONTHLY CERT

Subject I.D.

HERRMANN #77

Operator Name, I.D.

# 230202 09/19/15

Location

3310 NE RENNAN DR

LEE'S Summit, mo

AS IV Serial no: 097426  
Version no: 502B

TEST RECORD 00078

Temp Date Time 210L s/  
Air Blank: 07/23/14 20:01 .000  
Calibration Check: 27 07/23/14 20:01 .102  
Subject Name

MONTHLY CERT

Subject I.D.

HERRMANN #77

Operator Name, I.D.

# 230202 09/19/15

Location

5310 NE RENNAN DR

LEE'S Summit, mo

AS IV Serial no: 097426  
Version no: 502B

TEST RECORD 00079

Temp Date Time 210L s/  
Air Blank: 07/23/14 20:02 .000  
Calibration Check: 27 07/23/14 20:02 .103  
Subject Name

MONTHLY CERT

Subject I.D.

HERRMANN #77

Operator Name, I.D.

# 230202 09/19/15

Location

3310 NE RENNAN DR

LEE'S Summit, mo

AS IV Serial no: 097426  
Version no: 502B

TEST RECORD 00080

Temp Date Time 210L s/  
VOID: RFI 12 07/23/14 20:03  
Subject Name

MONTHLY CERT

Subject I.D.

HERRMANN #77

Operator Name, I.D.

# 230202 09/19/15

Location

3310 NE RENNAN DR

LEE'S Summit, mo

**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**

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