



MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES  
STATE PUBLIC HEALTH LABORATORY

**ALCO-SENSOR IV WITH PRINTER MAINTENANCE REPORT**

**RECEIVED**  
By Carol Day at 12:23 pm, Apr 08, 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<br>097445  | PRINTER SN<br>096.3580.951 | DATE OF INSPECTION<br>04/04/2014 |
| LOCATION OF INSTRUMENT (STREET AND CITY)<br>300 NORTH NEW BALLAS ROAD, CREVE COEUR |                            | TIME OF INSPECTION<br>3:12 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 # 13001      EXP. DATE 03/07/2015

SIMULATOR TEMPERATURE (34°C ± 0.2°C)      34      SIMULATOR SN      SD2784      SIMULATOR EXP DATE 07/10/2014

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 → .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      0 | (0-.04)      0 | (.05-.09)      0 | (.10-.14)      0 | (.15-.19)      0 | (OVER .19)      0 |
|-----------------|----------------|------------------|------------------|------------------|-------------------|

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).

New software "532B" upgrade

|  |                                    |
|--|------------------------------------|
| <b>INSPECTING OFFICER</b>                                  |                                    |
| SIGNATURE<br><i>P.O. Michael H. Deutman #885</i>           | PRINT NAME<br>Michael Deutman #885 |
| TYPE II PERMIT NUMBER/EXPIRATION DATE<br>230339 12/31/2015 | TELEPHONE NUMBER<br>(314) 872-0946 |

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

**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:

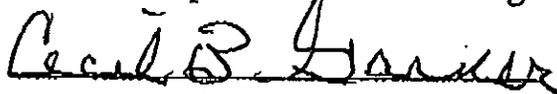
RepCo Marketing, Inc. manufactured, tested and supplied Lot Number 13001 of Alcohol Certified Solution for simulators. Random samples of said lot number were analyzed by an independent laboratory utilizing a gas chromatograph and found to contain .1215 gms/dl +/- .003 gms/dl wt/vol ethanol (95% Confidence).

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.

AS IV Serial no: 897445  
Version no: 5328

TEST RECORD 00617  
Temp Date Time 216L

Air Blank:  
04/04/14 15:12 .080  
Calibration Check:  
28 04/04/14 15:12 .088

Subject Name

Subject I.D.

Operator Name, I.D.

DEJMAN 885

Location

CCPD BATVAN

AS IV Serial no: 897445  
Version no: 5328

TEST RECORD 00618  
Temp Date Time 216L

Air Blank:  
04/04/14 15:14 .080  
Calibration Check:  
21 04/04/14 15:14 .097

Subject Name

Subject I.D.

Operator Name, I.D.

DEJMAN 885

Location

CCPD BATVAN

AS IV Serial no: 897445  
Version no: 5328

TEST RECORD 00619  
Temp Date Time 216L

Air Blank:  
04/04/14 15:16 .089  
Calibration Check:  
22 04/04/14 15:16 .897

Subject Name

Subject I.D.

Operator Name, I.D.

DEJMAN 885

Location

CCPD BATVAN

AS IV Serial no: 897445  
Version no: 5328

TEST RECORD 00620  
Temp Date Time 216L

VOID: NFI  
12 04/04/14 15:18

Subject Name

Subject I.D.

Operator Name, I.D.

DEJMAN 885

Location

CCPD BATVAN



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

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**PERMIT  
TYPE II**

**MICHAEL DEUTMAN**

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, INTOXILYZER 5000**

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 12/31/2013

NUMBER 230339

EXPIRES 12/31/2015

MO 680-0771 (6-10)

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

acting director  
DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

LAB 4 (08-10)

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 DEUTMAN, MICHAEL  
Permit No 230339  
Date Issued 12/31/2013 Date Expires 12/31/2015