



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

**RECEIVED**

By Carol Day at 2:04 pm, May 06, 2015

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 100284	PRINTER SN 096.3580.945	DATE OF INSPECTION 05/06/2015
LOCATION OF INSTRUMENT (STREET AND CITY) 777 Broadway Hannibal		TIME OF INSPECTION 12:00 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 LOT # 14001 EXP. DATE 04/30/2016

SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34 SIMULATOR SN SD2224 SIMULATOR EXP DATE 08/22/2015

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 ← .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	1	(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).

**INSPECTING OFFICER**

SIGNATURE

*[Handwritten Signature]*

PRINT NAME

Jacob Nacke

TYPE II PERMIT NUMBER/EXPIRATION DATE  
240225 / 05/09/2016

TELEPHONE NUMBER  
(573) 221-0987

**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: 100284  
Version no: 004C

TEST RECORD 00893

Temp Date Time 210L %

Air Blank: 05/06/15 12:10 .000  
Calibration Check: 25 05/06/15 12:10 .097

Subject Name

Subject I.D.

Operator Name, I.D.

Location

②

*[Signature]*

AS IV Serial no: 100284  
Version no: 004C

TEST RECORD 00894

Temp Date Time 210L %

Air Blank: 05/06/15 12:12 .000  
Calibration Check: 25 05/06/15 12:12 .097

Subject Name

Subject I.D.

Operator Name, I.D.

Location

③

*[Signature]*

AS IV Serial no: 100284  
Version no: 004C

TEST RECORD 00895

Temp Date Time 210L %

Void: RFI  
12 05/06/15 12:13

Subject Name

Subject I.D.

Operator Name, I.D.

Location

RFI

*[Signature]*

AS IV Serial no: 100284  
Version no: 004C

TEST RECORD 00892

Temp Date Time 210L %

Air Blank: 05/06/15 12:09 .000  
Calibration Check: 24 05/06/15 12:09 .098

Subject Name

Subject I.D.

Operator Name, I.D.

Location

①

*[Signature]*  
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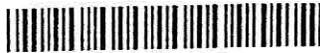
# Simulator Calibration Report

This calibration report is to certify the alcohol reference simulator listed below has been examined and tested using standards traceable to the National Institute of Standards and Technology (NIST) in accordance with the standards set by the Missouri Department of Health and Senior Services Rules and Regulations:  
19 CSR 25-30.051 (4).

Checked: 08/22/2014 Expires: 08/22/2015  
Digital Therm. SN: 094948 Temperature: 33.98 C  
MSC Technician: RW  
Agency: Hannibal Police Dept.



SD2224



Technician Printed Name: ROBERT WELSH

Technician Signature: 

Date: 08/22/2014

Contact: Missouri Safety Center

Breath-Alcohol Instrument Training Program

660-543-4834

**CERTIFICATE OF ANALYSIS**

**MANUFACTURER AND SUPPLIER: RepCo Marketing, Inc.**  
**LOT NUMBER: 14001**  
**EXPIRATION DATE: April 30, 2016 at 11:59 p.m.**

RepCo Marketing, Inc. certifies the following:

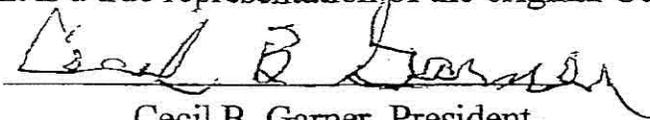
RepCo Marketing, Inc. manufactured, tested and supplied Lot Number 14001 of Alcohol Certified Solution for simulators. Random samples of said lot number were analyzed by an independent laboratory utilizing a gas chromatograph and found to contain .1216 gms/dl +/- .003 gms/dl wt/vol ethanol (95% Confidence).

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 1, 2014  
The expiration date for this lot number is April 30, 2016 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**  
**JACOB W NACKE**

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 5/9/2014

NUMBER 240225

EXPIRES 5/9/2016

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

MO 580-0771 (6-10)

LAB-4 (RG-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 NACKE, JACOB  
 Permit No 240225  
 Date Issued 5/9/2014 Date Expires 5/9/2016