



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

RECEIVED
 By Carol Day at 3:55 pm, May 05, 2014
 REPORT #1

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 05/02/2014
LOCATION OF INSTRUMENT (STREET AND CITY) 777 Broadway Hannibal		TIME OF INSPECTION 10:16 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 SIMULATOR SN SD2224 SIMULATOR EXP DATE 08/09/2014

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	1	(0-.04)	1	(.05-.09)	0	(.10-.14)	1	(.15-.19)	1	(OVER .19)	1
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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).

New battery in main unit, new printer tape and corrected time.

INSPECTING OFFICER

SIGNATURE 	PRINT NAME Jacob Nacke
TYPE II PERMIT NUMBER/EXPIRATION DATE 220111 / 05/09/2014	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

RFI

①

②

AS IV Serial no: 100284
Version no: 004C

TEST RECORD 00627

Temp Date Time 210L

Joint: RFI
12 05/02/14 10:20

Subject Name

Subject I.D.

Operator Name, I.D.

NACKE 220111 5/6/14

Location

AS IV Serial no: 100284
Version no: 004C

TEST RECORD 00624

Temp Date Time 210L

Air Blank:
05/02/14 10:16 .000
Calibration Check:
24 05/02/14 10:16 .098

Subject Name

Subject I.D.

Operator Name, I.D.

NACKE 220111 5/6/14

Location

HID

AS IV Serial no: 100284
Version no: 004C

TEST RECORD 00625

Temp Date Time 210L

Air Blank:
05/02/14 10:17 .000
Calibration Check:
24 05/02/14 10:17 .098

Subject Name

Subject I.D.

NACKE 220111 5/6/14

Operator Name, I.D.

HID
Location

③

AS IV Serial no: 100284
Version no: 004C

TEST RECORD 00626

Temp Date Time 210L

Air Blank:
05/02/14 10:19 .000
Calibration Check:
24 05/02/14 10:19 .099

Subject Name

Subject I.D.

Operator Name, I.D.

NACKE 220111 5/6/14

Location

HID

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 +/-0.003 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



P E R M I T
TYPE II



JACOB W NACKE

is hereby authorized to instruct and supervise operators, train instructors, inspect, calibrate, perform field repairs, and operate the following breath analyzer(s):

ALCO-SENSOR IV W/PRINTER

for the determination of the alcoholic content of blood from a sample of expired (alveolar) air. Issued under the provisions of sections 577.020 through 577.041, RSMo 1986.

Date 05/09/2012

Number 220111

Expires 05/09/2014

Director of State Public Health Laboratory

Director, Department of Health