



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

RECEIVED

By Tracy Crews at 11:00 am, Feb 25, 2020

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 <i>087973</i>	PRINTER SN <i>087973</i>	DATE OF INSPECTION <i>02-16-2020</i>
LOCATION OF INSTRUMENT (STREET AND CITY) <i>5005 Oak Street Kansas City</i>		TIME OF INSPECTION <i>21:19</i>

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) *20°C*
- PRINTER WORKING PROPERLY
- TIME AND DATE DISPLAYING PROPERLY

BREATH ALCOHOL ACCURACY STANDARDS

- SIMULATOR SOLUTION COMPRESSED ETHANOL-GAS MIXTURE
- STANDARD SUPPLIER *Repro Marketing* LOT # *19001* EXP. DATE *3/2/2021*
- SIMULATOR TEMPERATURE (34°C ± 0.2°C) *34°C* SIMULATOR SN *MP5542* SIMULATOR EXP DATE *1/16/2021*

- 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 = <i>0.099%</i>	TEST 2 = <i>0.098%</i>	TEST 3 = <i>0.098%</i>
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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-.04)	(.05-.09)	(.10-.14)	(.15-.19)	(OVER .19)
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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 printer batteries, new printer paper, new 9 volt battery, and recalibration.*

INSPECTING OFFICER	
SIGNATURE <i>Jeff Cooper</i>	PRINT NAME <i>Jeff Cooper</i>
TYPE II PERMIT NUMBER/EXPIRATION DATE <i>280313 11-07-2020</i>	TELEPHONE NUMBER <i>816 235-1515</i>

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: 087973
Version no: 532B

TEST RECORD 00549

Temp Date Time 210L

Air Blank: 02/16/20 21:21 .000
Calibration Check: 18 02/16/20 21:21 .099

Subject Name

Subject I.D.

Operator Name, I.D.

Location

nl

AS IV Serial no: 087973
Version no: 532B

TEST RECORD 00550

Temp Date Time 210L

Air Blank: 02/16/20 21:23 .000
Calibration Check: 19 02/16/20 21:23 .098

Subject Name

Subject I.D.

Operator Name, I.D.

Location

nl

AS IV Serial no: 087973
Version no: 532B

TEST RECORD 00551

Temp Date Time 210L

Air Blank: 02/16/20 21:26 .000
Calibration Check: 20 02/16/20 21:26 .098

Subject Name

Subject I.D.

Operator Name, I.D.

Location

nl

AS IV Serial no: 087973
Version no: 532B

TEST RECORD 00552

Temp Date Time 210L

VOID: REI 12 02/16/20 21:28

Subject Name

Subject I.D.

Operator Name, I.D.

Location

RepCo Marketing Co
3101-188 Stony Brook Drive
Raleigh, NC 27604
888-828-0227

CERTIFICATE OF ANALYSIS

MANUFACTURER AND SUPPLIER: RepCo Marketing Co.

LOT NUMBER: 19001

EXPIRATION DATE: March 12, 2021 at 11:59 p.m.

RepCo Marketing Co. certifies the following:

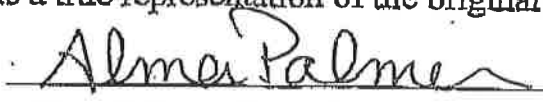
RepCo Marketing Co. prepared, tested and supplied Lot Number 19001 of Alcohol Certified Solution for simulators. This solution was manufactured and tested by RepCo Marketing Co., with confirmation by accredited institution, Data Resources Inc., using NIST standards. Random samples were analyzed by Data Resources Inc. utilizing a gas chromatograph and found to contain .1210 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 13, 2019
The expiration date for this lot number is March 12, 2021 at 11:59 p.m.

This document is a true representation of the original Certificate of Analysis.


Alma Palmer, Operations Manager
RepCo Marketing Co.