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By Tracy Crews at 8:09 am, Apr 12, 2021



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

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 108271 NAME OF AGENCY Missouri State Highway Patrol DATE OF INSPECTION 04/05/2021

LOCATION OF INSTRUMENT (STREET AND CITY) 3131 E Kearney, Springfield, Missouri 65803 TIME OF INSPECTION 10:40

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 # 19002 EXP. DATE 10/16/2021

SIMULATOR TEMPERATURE (34°C ± 0.2°C) 33.97 SIM. SN MP2306 SIM. NIST EXP DATE 01/07/2022

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 ← .103

TEST 3 ← .103

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)

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).

~~changed time +1 hour due to recent time change~~

INSPECTING OFFICER

SIGNATURE [Signature] #127

PRINT NAME D W Henley #727

TYPE II PERMIT NUMBER/EXPIRATION DATE 200224 08/13/2022

TELEPHONE NUMBER (417) 895 - 6868

Return completed report to the: Breath Alcohol Program, MO Department of Health and Senior Services, Southeast District Office by mail, fax, or email.

AS IU Serial no: 108271  
Version no: 532B

TEST RECORD 00558

Temp Date Time 210L<sup>9/</sup>  
Air Blank: 04/05/21 10:42 .000  
Calibration Check: 21 04/05/21 10:42 .102

Subject Name  
Subject I.D.  
**TEST 2**

Operator Name, I.D.

**D W HENLEY # 707**

Location

**3131 E KEARNEY**

**SPRINGFIELD, MO**

**W.S. # 727**

AS IU Serial no: 108271  
Version no: 532B

TEST RECORD 00559

Temp Date Time 210L<sup>9/</sup>  
Air Blank: 04/05/21 10:43 .000  
Calibration Check: 21 04/05/21 10:43 .103

Subject Name  
Subject I.D.  
**TEST 2**

Operator Name, I.D.

**D W HENLEY # 727**

Location

**3131 E KEARNEY**

**SPRINGFIELD, MO**

**W.S. # 727**

AS IU Serial no: 108271  
Version no: 532B

TEST RECORD 00560

Temp Date Time 210L<sup>9/</sup>  
Air Blank: 04/05/21 10:45 .000  
Calibration Check: 22 04/05/21 10:45 .103

Subject Name  
Subject I.D.  
**TEST 3**

Operator Name, I.D.

**D W HENLEY # 727**

Location

**3131 E KEARNEY**

**SPRINGFIELD, MO**

**W.S. # 727**

AS IU Serial no: 108271  
Version no: 532B

TEST RECORD 00561

Temp Date Time 210L<sup>9/</sup>  
VOID: RFI  
12 04/05/21 10:46

Subject Name  
Subject I.D.  
**RFI**

Operator Name, I.D.

**D W HENLEY # 707**

Location

**3131 E KEARNEY**

**SPRINGFIELD, MO**

**W.S. # 727**



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: 19002**  
**EXPIRATION DATE: October 16, 2021 at 11:59 p.m.**

RepCo Marketing Co. certifies the following:

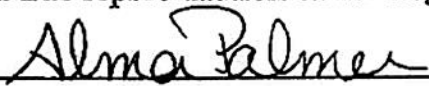
RepCo Marketing Co. prepared, tested and supplied Lot Number 19002 of Alcohol Certified Solution for simulators. This solution was manufactured and tested by RepCo Marketing Co., with confirmation by ISO 17025 and ISO 17034 accredited institution Alcohol Countermeasure Systems, using NIST standards. Random samples were analyzed by Alcohol Countermeasure Systems utilizing a gas chromatograph and found to contain .1231 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 October 17, 2019 The expiration date for this lot number is October 16, 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.

