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By Tracy Crews at 10:09 am, Jun 22, 2022



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 111741	NAME OF AGENCY Missouri State Highway Patrol	DATE OF INSPECTION 06/05/2022
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LOCATION OF INSTRUMENT (STREET AND CITY) 3131 E Kearney, Springfield, Missouri 65803	TIME OF INSPECTION 23:25
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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 # 20001 EXP. DATE 10/07/2022

SIMULATOR TEMPERATURE (34°C ± 0.2°C) 33.97 SIM. SN MP2306 SIM. NIST EXP DATE 01/28/2023

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 → .099

TEST 2 → .099

TEST 3 → .098

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) 1	(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).

changed time +2 minutes

INSPECTING OFFICER

SIGNATURE 	PRINT NAME D W Henley #727
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TYPE II PERMIT NUMBER/EXPIRATION DATE 200224 08/13/2022	TELEPHONE NUMBER (417) 895 - 6868
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Return completed report to the: Breath Alcohol Program, MO Department of Health and Senior Services, Southeast District Office by mail, fax, or email.

AS IV Serial no: 111741
Version no: 5328

TEST RECORD 00489

Temp Date Time 210L ^{9/}

Air Blank: 06/05/22 23:29 .000
Calibration Check: 23 06/05/22 23:29 .099

Subject Name TEST 1
Subject I.D.

Operator Name, I.D. D W HEWLEY # 727
Location 3131 E KEARNEY

SPRINGFIELD, MO
Dr J # 727

AS IV Serial no: 111741
Version no: 5328

TEST RECORD 00490

Temp Date Time 210L ^{9/}

Air Blank: 06/05/22 23:30 .000
Calibration Check: 24 06/05/22 23:30 .099

Subject Name TEST 2
Subject I.D.

Operator Name, I.D. D W HEWLEY # 727
Location 3131 E KEARNEY

SPRINGFIELD, MO
Dr J # 727

AS IV Serial no: 111741
Version no: 5328

TEST RECORD 00491

Temp Date Time 210L ^{9/}

Air Blank: 06/05/22 23:31 .000
Calibration Check: 25 06/05/22 23:31 .098

Subject Name TEST 3
Subject I.D.

Operator Name, I.D. D W HEWLEY # 727
Location 3131 E KEARNEY

SPRINGFIELD, MO
Dr J # 727

AS IV Serial no: 111741
Version no: 5328

TEST RECORD 00492

Temp Date Time 210L ^{9/}

VOID: RFI
12 06/05/22 23:32

Subject Name RFI
Subject I.D.

Operator Name, I.D. D W HEWLEY # 727
Location 3131 E KEARNEY

SPRINGFIELD, MO
Dr J # 727



RepCo Marketing Co
3101-188 Stony Brook Drive
Raleigh, NC 27604
919-876-5480

CERTIFICATE OF ANALYSIS

MANUFACTURER AND SUPPLIER: RepCo Marketing Co.

LOT NUMBER: 20001

EXPIRATION DATE: October 7, 2022 at 11:59 p.m.

RepCo Marketing Co. certifies the following:


RepCo Marketing Co. prepared, tested and supplied Lot Number 20001 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 .1227 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 8, 2020 The expiration date for this lot number is October 7, 2022 at 11:59 p.m.

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


Alma Palmer, Operations Manager
RepCo Marketing Co.

