



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 111734	NAME OF AGENCY Missouri State Highway Patrol	DATE OF INSPECTION 12/13/2022
LOCATION OF INSTRUMENT (STREET AND CITY) 102-B South Holden Street, Warrensburg MO. 64093		TIME OF INSPECTION 10:32 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 # 21001 EXP. DATE 06/16/2023
- SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34.02 SIM. SN MP2506 SIM. NIST EXP DATE 12/02/2023
- 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 ← .100	TEST 2 ← .099	TEST 3 ← .100
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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).

Time updated for daylight savings.

INSPECTING OFFICER

SIGNATURE <i>Sam Edwards #580</i>	PRINT NAME Samuel Lee Edwards
TYPE II PERMIT NUMBER/EXPIRATION DATE 220220 / 09-09-2024	TELEPHONE NUMBER (816) 622-0800

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: 111734
Version no: 532B

TEST RECORD 00104

Temp Date Time 210L

Air Blank:
12/13/22 10:38 .000
Calibration Check:
22 12/13/22 10:38 .100

Subject Name
Test #1
Subject I.D.

Operator Name, I.D.
Samuel Edwards
Location 220220
102 B S. Holden
St. Warrensburg Mo
64093

AS IV Serial no: 111734
Version no: 532B

TEST RECORD 00105

Temp Date Time 210L

Air Blank:
12/13/22 10:40 .000
Calibration Check:
23 12/13/22 10:40 .099

Subject Name
Test #2
Subject I.D.

Operator Name, I.D.
Samuel Edwards #550
Location 220220
102 B. S. Holden
Warrensburg Mo. 64093

AS IV Serial no: 111734
Version no: 532B

TEST RECORD - REPRINT

TEST RECORD 00106

Temp Date Time 210L

Air Blank:
12/13/22 10:43 .000
Calibration Check:
24 12/13/22 10:43 .100

Subject Name
Test #3
Subject I.D.

Operator Name, I.D.
Samuel Edwards
Location 220220
102 B. S. Holden St.
Warrensburg Mo. 64093

AS IV Serial no: 111734
Version no: 532B

TEST RECORD 00107

Temp Date Time 210L

VOID: RFI
12 12/13/22 10:47

Subject Name

Test RFI

Subject I.D.

Operator Name, I.D.

Samuel Edwards
Location 220220

102 B. S. Holden St.

Warrensburg Mo. 64093

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: 21001

EXPIRATION DATE: June 16, 2023 at 11:59 p.m.

RepCo Marketing Co. certifies the following:

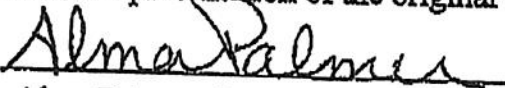
RepCo Marketing Co. prepared, tested and supplied Lot Number 21001 of Alcohol Certified Solution for simulators. This solution was manufactured and tested by RepCo Marketing Co., with confirmation by ISO 17025 and ISO 17034 accredited institution Alcohol Countermeasure Systems, using NIST standards. Random samples were analyzed by Alcohol Countermeasure Systems utilizing a gas chromatograph and found to contain .1222 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 June 17, 2021 The expiration date for this lot number is June 16, 2023 at 11:59 p.m.

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



Alma Palmer, Operations Manager
RepCo Marketing Co.